

RESUME Alexandr Pascalov

Name of Personnel: Alexandr Pascalov	
Title: Software Development Team Leader / Scrum Master	
Date of Birth: January 30, 1983	
Country of Citizenship: Moldova, Bulgaria	
Years with Firm: 2005 - present	Country/City of Residency: Republic of Moldova / Chisinau
Education/Qualifications: - Moldova State University. Master Degree in the field of Computer Science. 2001-2005 - Licență în Managementul Proiectelor TIC	
Certification - Microsoft Certified Solution Developer: App builder (MCSD) - Microsoft Certified Professional (MCP) - Microsoft Certified Technology Specialist .Net Framework (MCT) - Continuous Delivery and DevOps with Azure DevOps: Source Control with Git - Certified React Developer - CMMI Development - Project Management Certification - SCM, Certified SCRUM Master, 2019	
Other Training or Skills - Using Kubernetes as a Developer, online course, 2020 - Training on how to ensure the secrecy regime within public authorities and other legal entities, 2020 - DevOps Skills for Developers with Visual Studio and Team Foundation Server, online training, 2020 - Scrum Alliance training course, preparation for SCRUM Master certification, 2019 - Agile Team Practices with Scrum, 2017 - ISO 9001:2015 – Internal Auditor Training Course, SGS/Moldova, 2017 - Introduction to the Capability Maturity Model Integration (CMMI®) for Development, CMMI Institute of Carnegie Mellon University. 2016 - Training course Developing and Implementing Web Applications with Microsoft® Visual C#™ .NET and Microsoft® Visual Studio® .NET, 2006 - Training course Developing XML Web Services and Server Components with Microsoft Visual C# .NET and the Microsoft .NET Framework, 2005	
Language Skills - English (speaking – very good, reading – excellent, writing – good) - Russian (speaking – native, reading – native, writing – native) - Romanian (speaking - excellent, reading – excellent, writing – excellent)	
Employment Record: Period: 2005 – present Position: CTO / Software Development Team Lead / Senior Software Developer/ Scrum Master Employer: Alfsoft SRL, Republic of Moldova Responsible for administration of all aspects of software development lifecycle management and eGovernment solution development: - Release planning & prioritization (backlog items); - Use cases & business process diagrams; - Daily SCRUM Stand-up meetings - Resource planning, tracking, & collaboration; - Client relationships	



- Iteration demonstration & Review meetings;
- Analysis of functional & non-functional requirements;
- Code review and peer review
- Managing the product backlog;
- Progress reporting;
- Test cases & user acceptance testing workshops;

Location of assignments: Moldova, Antigua & Barbuda Jamaica, Kyrgyzstan, Rwanda, Somaliland, South African Republic, Tanzania, Armenia, Zambia, Dominica, St. Kitts, St. Lucia.

Development e-governmental applications - coding, code and application testing, debugging applications. Data migration. Integration applications with external systems and services (development of RESTful/SOAP API). Management of Continuous Integration / Continuous Delivery pipelines, Kubernetes/Docker production and testing environment configuration and management.

Experience:

Name of assignment or project:

National Road Transport Agency's (ANTA) e-Authorization Transport System (e-ATS)

Period: 2021-2024.

Location: Republic of Moldova, Chisinau

Procuring Entity: USAID, Nathan Inc

Main project features:

Development of the Information System "e-Authorization Transport System" (e-ATS) for the National Agency of Road Transport (ANTA) – Part II:

- Route Registry module;
- Digital signature feature for issuance of electronic authorizations for the national road transport;
- Special transport authorizations (like oversized and overweight transport) and route coordination acts;
- CEMT permit (CEMT = Conférence Européenne des Ministres des Transports / European Conference of Transport Ministers)

Positions held: **Team Lead / SCRUM Master / Senior Software Developer.**

Activities performed:

Coordination of all software development activities using Agile approach, tasks distribution and prioritization. Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily Scrum stand-up meetings, Scrum-driven environment with incremental and iterative delivery of the solution, iteration demonstration and review meetings, release planning & prioritization.

Name of assignment or project:

Integrated Food Safety Information Management System in Moldova

Year: 2021-2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Finance Corporation

Main project features: Development and implementation of the Integrated Food Safety Information Management System (IFSIMS) for the National Agency for Food Safety (ANSA).

Positions held: **Team Lead / SCRUM Master / Senior Software Developer.**

Activities performed: Coordination of all software development activities using Agile approach, tasks distribution and prioritization. Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily Scrum stand-up meetings, Scrum-driven environment with incremental and iterative delivery of the solution, iteration demonstration and review meetings, release planning & prioritization.

Name of assignment or project:

Electronic State Register of Legal Professions Information System (ESRLP)

Year: 2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Development Law Organization, EBRD

Main project features: The Electronic State Register of Legal Professions (ESRLP) is an integral part of the electronic governance and envisaged by policies of the European Union and include the following sub-systems:

- Electronic State Register of Legal Professions sub-system including Personal cabinet,
- Case Management modules sub-system.

ESRLP covers register' functionalities for all authorized legal professions, namely: mediators, enforcement officers, judicial experts, notaries, attorneys (lawyers) and law offices, authorized translators and interpreters, authorized administrators,

Positions held: **Team Lead / SCRUM Master / Senior Software Developer.**

Activities performed: Coordination of all software development activities using Agile approach, tasks distribution and prioritization. Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily Scrum stand-up meetings, Scrum-driven environment with incremental and iterative delivery of the solution, iteration demonstration and review meetings, release planning & prioritization.

Name of assignment or project:

Re-engineering of unemployment benefit service Information System to automate the measures in the field of application for unemployment registration and receiving the unemployment benefit.

Year: 2020-2022

Location: Republic of Moldova, Chisinau

Procuring Entity: Worldbank/e-Governance Agency Moldova,

Main project features:

An Information Technology System "Electronic Application for Unemployment Registration System" for the National Agency for Employment (NAE) of Republic of Moldova, based on web-enabled document, workflow management system and specific IT solutions that will simplify processes to the for unemployment registration and receiving the unemployment benefit.

Positions held: **Team Lead / SCRUM Master / Senior Software Developer.**

Activities performed:

Coordination of all software development activities using Agile approach, tasks distribution and prioritization. Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily Scrum stand-up meetings, Scrum-driven environment with incremental and iterative delivery of the solution, iteration demonstration and review meetings, release planning & prioritization.

Name of assignment or project:

Development of an Integrated Case Management System for Moldova Justice Sector

Period: 2018-2020.

Location: Republic of Moldova, Chisinau

Procuring Entity: USAID / Open Justice Project

Main project features: Solution developed and implemented for Ministry of Justice of Republic of Moldova that replaces the currently used technologically outdated Case Management System. New ICMS fully covers management of the cases at all levels – First Instance, Courts of Appeal and Supreme Court of Justice of Moldova. ICMS covers full cycle of Case Management on all levels as well as Case horizontal (between Courts of the same level) and vertical (from First Instance to Appeal, from Appeal to Supreme Court of Justice) transfers.

Integrate ICMS with external services and systems: authentication (MPass), digital signature (MSign), online payment (MPay), logging (MLog), notification (MNotify), Registry of Population, Registry of Legal Entities, General Prosecutor's Office, Ministry of Internal Affairs, Department of Penitentiary Institutions, Office of Executors, Moldova National Portal of Court Instances and others. Data migration: migrate 24 MSSQL database to single MSSQL enterprise data warehouse.

Positions held: **Team Lead / SCRUM Master / Senior Software Developer.**

Activities performed: Coordination of all software development activities using Agile approach, tasks distribution and prioritization. Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily Scrum stand-up meetings, Scrum-driven environment with incremental and iterative delivery of the solution, iteration demonstration and review meetings, release planning & prioritization. Development of ICMS using A5 Platform technology: development of most sensitive functional modules – random case distribution, data anonymization, integration with external governmental services and systems (authentication, digital signature, online payment, logging, notification etc.).

Name of assignment or project:

eDosar sub-system of the Integrated Case Management System of Ministry of Justice of Moldova

Year: 2019

Location: Republic of Moldova, Chisinau

Procuring Entity: USAID / Open Justice Project

Main project features: The electronic web application module eDosar (redevelopment) an e-filing sub-system of the Integrated Case Management System (hereinafter ICMS) of Ministry of Justice of Moldova represents an online information system that simplifies the procedure of filing Claims and access to Cases. Citizens and their legal representatives apply online and get access to their claims and cases, deliver documents, receive summons and have access to other case materials.

Positions held: **Team Lead / SCRUM Master/ Senior Software Developer.**

Activities performed: Coordination of all software development activities using Agile approach, tasks distribution and prioritization. Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily Scrum stand-up meetings, Agile Scrum-driven environment with incremental and iterative delivery of the solution, iteration demonstration and review meetings, release planning & prioritization. Development of eDosar Application using A5 Platform technology.

Name of assignment or project:

State Register of Small Arms and Light Weapons Information System (RSA)

Year: 2019-2020

Location: Republic of Moldova, Chisinau

Procuring Entity: State Budget of Ministry of Internal Affairs of the Republic of Moldova

Main project features: Small Arms and Light Weapons (RSA) e-Register - complex data processing system on tracking arms, legal owners of guns, as well as weapons and ammunition operations organized at the multi-level and administered by the structure that coordinates the activity.

Positions held: **Team Lead / SCRUM Master / Senior Software Developer.**

Activities performed: Coordination of all software development activities using Agile approach, tasks distribution and prioritization, daily Scrum stand-up meetings, Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily stand-up meetings, iteration demonstration and review meetings, release planning & prioritization. Development of eDosar Application using A5 Platform technology.

Name of assignment or project:

Design and implementation of an Electronic Construction Permitting System and one-stop shop in Antigua and Barbuda

Period: 2020

Location: Antigua and Barbuda

Procuring Entity: Inter-American Development Bank, Development Control Authority DCA

Main project features: Services to design and implement an Electronic Permitting System and One-Stop Shop for the processing of construction permit approvals in Antigua and Barbuda. Construction ePermit Management System represents an electronic application designed for the purpose of issuance of construction permits depending on arising needs.

Positions held: **Team Lead / SCRUM Master**

Activities performed: Coordination of all software development activities, tasks distribution and prioritization. Coordination of activities of technical team - resource planning and tracking, management the product backlog, daily Scrum stand-up meetings, Agile Scrum-driven environment with incremental and iterative delivery of the solution, iteration demonstration and review meetings, release planning & prioritization.

Mr. Pascalov has participated as a **Developer Team Leader/ Senior Application Developer/System Analyst** in the following projects for the past 8 years:

- Development of a Media Management System to Improve Audio Recording of Court Hearings, Moldova. 2020
- Tax Information System e-Cadaster v2.0. Moldova 2020
- Case Management System (CMS) for Tax Authority. Moldova 2020
- Re-Admission Case Management Electronic System (RCMES), Armenia 2018
- Support to Enforcement of Intellectual Property Rights, eRFI - Requests for Intervention Case Management System, eIPR – Intellectual Property Rights Register. Moldova. 2018
- Penitentiary Management System for the Directorate for Execution of Sanctions. Kyrgyzstan 2018
- Information system “Financial control” for Central Electoral Commission, Moldova. 2018-2019
- Supply and installation of the information system for modernization of the Unified State Register of Claims on Movable Property, Kyrgyzstan 2016-2017
- Consulting Service to Upgrade & Consolidate Business, Mortgage and Collateral Registration Systems, Rwanda. 2016-2017
- Case Media Manager System for Court Audio Recording, South Africa. 2015-2016







ALEXANDR PASCALOV

Has successfully completed the requirements to be recognized as a Microsoft Certified Solutions Developer: App Builder.

Date of achievement: 11/03/2016
Certification number: F867-3441

Satya Nadella
Chief Executive Officer

Microsoft
CERTIFIED
Solutions Developer

Part No. X15-63689

MICROSOFT CERTIFICATE OF EXCELLENCE

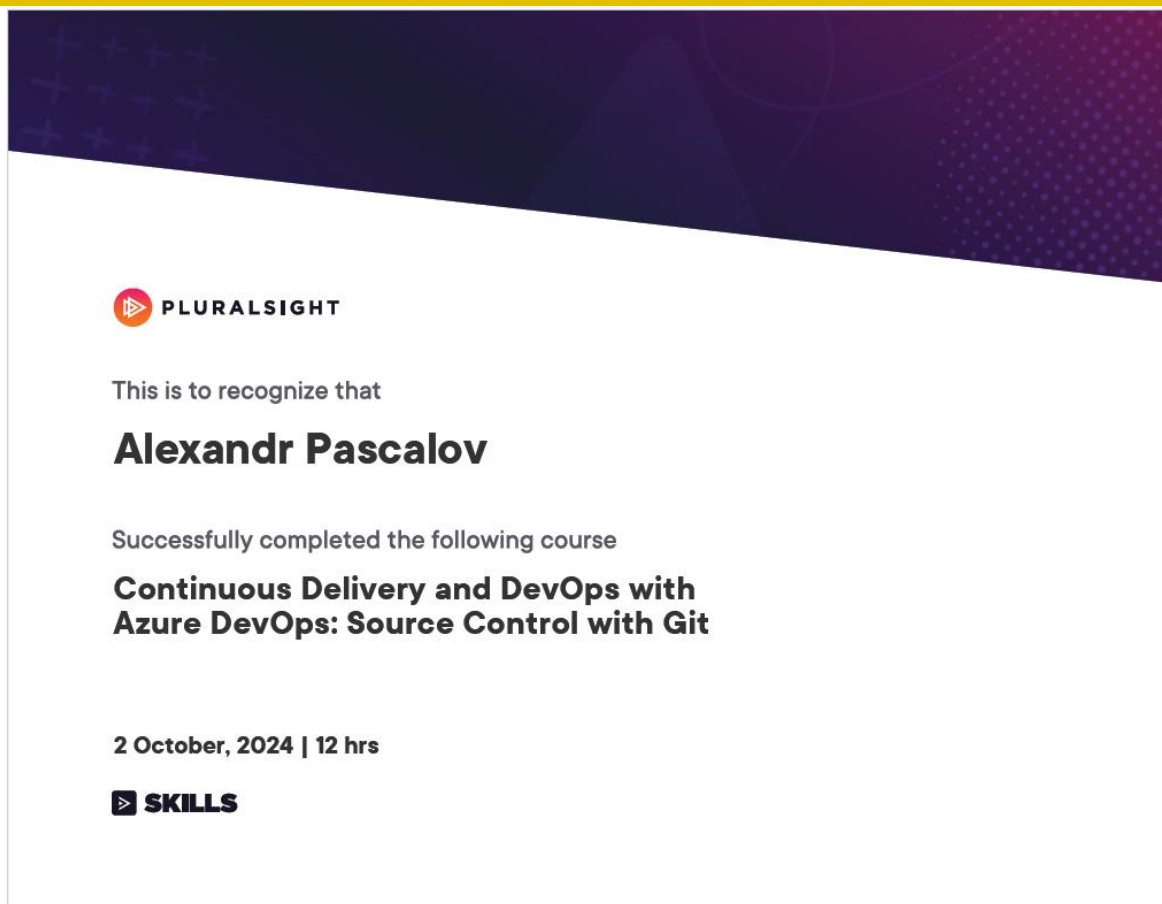
Microsoft
CERTIFIED
Application Developer

ALEXANDR PASCALOV

Has successfully completed the requirements to be recognized as a Microsoft® Certified Application Developer for Microsoft .NET

Steven A. Ballmer
Chief Executive Officer







CMMI[®] Institute

This is to acknowledge that

ALEXANDR PASCALOV

has successfully completed the course

Introduction to CMMI for Development

and has earned 2.5 Continuing Education Units (CEUs)

On 12/8/2016

with all the rights, privileges, and honors

A handwritten signature in blue ink, appearing to read "Teodora Bozheva".

Teodora Bozheva

ESI European
Software
Institute
Center Eastern Europe

RESUME Sergiu TARIGRADSCHI

Name of Personnel: Sergiu TARIGRADSCHI	
Title: Business Analyst/ System Architect	
Date of Birth: 1966	
Years with Firm: 2008 - present	Country/City of Residency: Republic of Moldova / Chisinau
<u>Education/Qualifications:</u> - Engineer of electronic devices. Technical University of Moldova 1986 - 1991 - PhD in Computer Science. Technical University of Moldova 1994	
<u>Certification</u> - Microsoft Certified Professional (MCP) - Certified AWS Cloud Specialist - Certified ISO9001:2015 Internal Auditor - Business Analyst: Fundamental	
<u>Other Training or Skills</u> - Product Owner Fundamentals - Product Ownership, 2021 - Business Analysis: Working with Stakeholders Using Elicitation and Collaboration, 2019 - Introduction to the Entry Certificate in Business Analysis (ECBA™) Certification, 2018 - Business Analysis Techniques: Analyzing and Defining Requirements and Designs, 2018 - Training course Capability Maturity Model® Integration (CMMI®) Version 1.2 Staged and Continuous Representation, 2016 - SCRUM/Agile Fundamental training, 2016 - Introduction to Project Management & the PMP® Exam, 2016 - Microsoft Certified Professional MCP, 2015 - International Organization for Standardization, ISO 9001:2015 – Quality Management System Internal Auditor, 2017 - European Software Institute, Practical IT Project Management, 2015 - Microsoft Corp., Microsoft Certified Professional (MCP), 2005	
<u>Language Skills</u> - English (speaking – excellent, reading – excellent, writing – good) - Russian (speaking - excellent, reading – excellent, writing – excellent) - Romanian (speaking – native, reading – native, writing – native)	
<u>Employment Record:</u> Period: 2005 – present Position: Senior Business Analyst/ Senior eGovernment Solution Developer Employer: Alfasoft SRL, Republic of Moldova Responsible for Analysis, optimization and mapping business processes. System design specifications. Elicitation and validation of functional and non-functional requirements. Development of Use Cases, requirements elicitation, analysis and validation. Development of deliverables – system design and architecture, technical documentation and operational guides. Project Management – planning, progress monitoring, risk management, stakeholder management. Solution Developer - Formulate program specifications and basic prototype, transform software designs and specifications into functioning code in the A5 Platform Studio. Integrate individual software	



solutions to higher level systems. Test code periodically to ensure it produces the desirable results and perform debugging when necessary. Perform upgrades to make software and systems more secure and efficient. Collaborate with technical writers to create documentation for user support.

Period: 2004 - 2005

Position: Project Manager / Business & System analyst

Employer: Suprematia Legii, Republic of Moldova

Integrated Information and Case Management System for High Economic Court of Moldova funded by American Bar Association / CEELI / GTZ.

Period: 2002 – 2004

Position: Project manager, System Analyst

Employer: TTG International, Istanbul, Turkey.

Intelligent Network Configuration and Elements Management – INCEM

Period: 2001 – 2002

Position: System Analyst / Software Developer

Employer: Cameroon, France Telecom

Consulting mission to MOBILIS

Period: 2000 – 2001

Position: System Analyst / Software Developer

Employer: China, France Telecom

Consulting mission to Rapidlink

Experience:

Name of assignment or project:

Integrated Food Safety Information Management System in Moldova

Year: 2021-2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Finance Corporation

Main project features: Development and implementation of the Integrated Food Safety Information Management System (IFSIMS) for the National Agency for Food Safety (ANSA).

Positions held: **Senior Business Analyst/ Architect/ Senior eGovernment Solution Developer**

Activities performed: Business processes analysis, design and improvement of business processes, development of use cases and solution specifications, system design, technical team leading, database development and application programming. Requirements elicitations, analysis and validation. Development of technical documentation. Users training. Project planning and activities management and monitoring, risk management, stakeholders' management, communication management, quality assurance management.

Name of assignment or project:

Electronic State Register of Legal Professions Information System (ESRLP)

Year: 2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Development Law Organization, EBRD

Main project features: The Electronic State Register of Legal Professions (ESRLP) is an integral part of the electronic governance and envisaged by policies of the European Union and include the following sub-systems:

- Electronic State Register of Legal Professions sub-system including Personal cabinet,
- Case Management modules sub-system.

ESRLP covers register' functionalities for all authorized legal professions, namely: mediators, enforcement officers, judicial experts, notaries, attorneys (lawyers) and law offices, authorized translators and interpreters, authorized administrators,

Positions held: **Senior Business Analyst/Architect/ Senior eGovernment Solution Developer**

Activities performed: Business processes analysis, design and improvement of business processes, development of use cases and solution specifications, system design, technical team leading, database development and application programming. Requirements elicitations, analysis and validation. Development of technical documentation. Users training. Project planning and activities management and monitoring, risk management, stakeholders' management, communication management, quality assurance management.

Name of assignment or project:

Development and implementation of a MMIP sub-system for the permissive documents issued by local public authorities

Period: 2020 - 2021

Location: Moldova

Procuring Entity: Project Implementation Unit of the World Bank Competitiveness Enhancement Project

Main project features: Development of a Mechanism for Managing and Issuing Permits (MMIP) sub-system for digitization of internal processes for issuing construction permits (MMIP-CSS), using modern technologies and high-resilience centralized architecture. Interconnection of the MMIP-CSS with the main MMIP System so it can be perceived as one system by users. Integration of MMIP-CSS through MMIP System with relevant state information systems and development of APIs to allow exchange data with third-party systems, as well as integration with relevant e Governance services (MPass, MSign, MPay, MConnect etc.). An integrated information System for managing permitting documents for Moldova MMIP a single national information System and one-stop-shop to manage requests for issuing authorizations, licenses and various types of construction permits.

Positions held: **Senior Business Analyst/ Senior eGovernment Solution Developer**

Activities performed: Assessment of current IT infrastructure, definition of system infrastructure requirements (hardware, software, communications). Software requirements specifications, equipment specifications, system design specs.

Name of assignment or project:

Design and implementation of an Electronic Construction Permitting System and one-stop shop in Antigua and Barbuda

Period: 2020

Location: Antigua and Barbuda

Procuring Entity: Inter-American Development Bank, Development Control Authority DCA

Main project features: Services to design and implement an Electronic Permitting System and One-Stop Shop for the processing of construction permit approvals in Antigua and Barbuda. Construction ePermit Management System represents an electronic application designed for the purpose of issuance of construction permits depending on arising needs.

Positions held: **Senior Business Analyst/ Senior eGovernment Solution Developer**

Activities performed: Business processes analysis, design and improvement of business processes, development of use cases and solution specifications, system design, technical team leading, database development and application programming. Requirements elicitations, analysis and validation. Development of technical documentation. Users training. Project planning and activities management and monitoring, risk management, stakeholders' management, communication management, quality assurance management.

Name of assignment or project:

Development of the IT Subsystem "Civil Status Acts" under the AIS "State Register of Population

Year: 2019-2024

Location: Republic of Moldova, Chisinau

Procuring Entity: UNDP

Main project features: The project is to supply an Information Technology Subsystem "Civil Status Acts" (hereafter ITSS CSA) for the Public Services Agency of Republic of Moldova, based on web-enabled document and workflow management system A5 Platform. The ITSS CSA represents all data information, information flows and procedures for information storage and use intended to underpin the achievement of civil status fact registration goals, issuance of statements and civil status documents. ITSS CSA create an affordable, modern and secured

information environment to ensure communication and collaboration among all authorities in charge by legislation to register civil status facts: structural subdivisions of the General Civil Status Division, Mayoralties, Diplomatic Missions and Consular Offices of the Republic of Moldova abroad.

Positions held: **Senior Business Analyst/ Senior eGovernment Solution Developer**

Activities performed: Analysis, optimization and mapping business processes. System design specifications.

Elicitation and validation of functional and non-functional requirements. Development of Use Cases, requirements elicitation, analysis and validation. Development of deliverables – system design and architecture, technical documentation and operational guides.

Name of assignment or project:

State Register of Small Arms and Light Weapons Information System (RSA)

Year: 2019-2020

Location: Republic of Moldova, Chisinau

Procuring Entity: State Budget of Ministry of Internal Affairs of the Republic of Moldova

Main project features: Support the Ministry of Internal Affairs of the Republic of Moldova in designing and implementing the Small Arms and Light Weapons (RSA) e-Register - complex data processing system on tracking arms, legal owners of guns, as well as weapons and ammunition operations organized at the multi-level and administered by the structure that coordinates the activity. Improve efficiency of supervision on the circulation of civil-purpose weapons and ammunition owned by natural persons and legal entities, adjusting the legal and regulatory requirements to the European Convention on the control of the acquisition and possession of firearms by individuals.

Positions held: **Senior Business Analyst/ Senior eGovernment Solution Developer**

Activities performed: Formulate program specifications and basic prototype, transform software designs and specifications into functioning code in the A5 Platform Studio.

Name of assignment or project:

Support to Enforcement of Intellectual Property Rights, eRFI - Requests for Intervention Case Management System, eIPR – Intellectual Property Rights Register.

Year: 2018

Location: Republic of Moldova, Chisinau

Procuring Entity: The European Union's Neighbourhood Programme for the Republic of Moldova

Main project features: A software solution to support enforcement of the intellectual property rights as a part of European Union's Neighborhood Programme for the Republic of Moldova. Solution includes two systems - Case Management on Requests for Intervention (eRFI) and Intellectual Property Rights Register (eIPR). Both systems are hosted on MCloud and are integrated with services provided by Moldovan Government such as MSign, MPass, MLog, MNotify and MConnect for interacting with other governmental systems.

Positions held: **Senior Business Analyst/ Senior eGovernment Solution Developer**

Activities performed: Coordination of activities of business analysis team. Analysis, optimization and mapping business processes. System design specifications. Elicitation of system actors. Development of Use Cases, requirements elicitation, analysis and validation. Development of deliverables – system design and architecture, technical documentation and operational guides

Name of assignment or project:

Integrated Business Registration System

Period: 2014-2015

Location: CARICOM/CSME

Procuring Entity: EU Fund

Main project features: Assessment, requirements analysis, process improvement, design, development, implementation, training and support of software solutions for business registration in 12 CARICOM member states, including a single, integrated regional online filing system, upgrades for 4 national registries, new systems for 5 national registries, and data exchange gateways for 3 member nations.

Positions held: **Senior Business Analyst**

Activities performed: Business processes analysis, design and improvement of business processes, development of use cases and solution specifications, system design, technical team leading, database development and application programming. Requirements elicitations, analysis and validation. Development of technical documentation. Users training.

Name of assignment or project:

Development & Implementation of Payout Management Information System (PMIS)

Year: 2016-2018

Location: Kingston, Jamaica

Client: Jamaica Deposit Insurance Corporation (JDIC)

Main project features: Develop and implement a Payout Management Information System (PMIS). The PMIS is automate the Corporation's payout business processes which include the computation of the insured deposit payment due to each depositor of a member institution (Policyholder) and the prompt pay out of depositors in the event of the failure of a Policyholder. The PMIS also be used by the Corporation to assist with ongoing monitoring and testing of each Policyholder's level of compliance with the "Guidelines on the Record keeping Requirements for all JDIC Policyholders".

Positions held: **Senior Business Analyst**

Activities performed: Business processes analysis, design and improvement of business processes, development of use cases and solution specifications, system design, technical team leading, database development and application programming. Requirements elicitations, analysis and validation. Development of technical documentation. Users training.

Dr. Tarigradschi has participated as **Senior Business Analyst/ Senior eGovernment Solution Developer** in the following projects for the past 5 years:

- Tax Information System e-Cadaster v2.0. Moldova 2020
- Case Management System (CMS) for Tax Authority. Moldova 2020
- Penitentiary Management System for the Directorate for Execution of Sanctions. Kyrgyzstan 2018
- Supply and installation of the information system for modernization of the Unified State Register of Claims on Movable Property, Kyrgyzstan 2016-2017
- Consulting Service to Upgrade & Consolidate Business, Mortgage and Collateral Registration Systems, Rwanda. 2016-2017
- Case Media Manager System for Court Audio Recording, South Africa. 2015-2016
- CARICOM Document and Workflow Management System DWMS
- One-Stop Shop (OSS) Business Registration Center, Somaliland
- Case Management and Recording System for the East African Court of Justice, Tanzania
- Automated Records Management System (ARMS) for Commission for Protection of Economic Competition of the Republic of Armenia.
- Development of the information system to track visa applications, immigration, repatriation and asylum seekers' cases, Moldova
- Judicial Process Mapping and Development of Case Tracking System for Pilot Courts in Kosovo

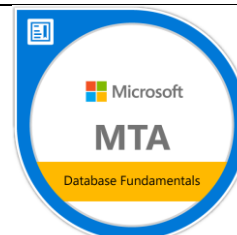






RESUME Sofia Aricova

Name of Personnel: Sofia Aricova	
Title: Senior Database Developer	
Date of Birth: July 24, 1986	
Years with Firm: 2008 - present	Country/City of Residency: Republic of Moldova / Chisinau
<u>Education/Qualifications:</u> Information Management, State University of Moldova, 2004-2008	
<u>Certification</u> - Certificate, Programming in HTML5 with JavaScript and CSS3, 2017 - Certificate, Microsoft® .NET Application Development Foundation, 2016 - Certificate, Microsoft Technology Associate: Database, 2016	
<u>Other Training or Skills</u> - Querying Data from PostgreSQL course, 2021 - Programming PostgreSQL course, 2020 - Microsoft Azure Developer: Managing Azure SQL Database, online course, 2020 - Agile Team Practices with Scrum, course 2017 - Introduction to the Capability Maturity Model Integration (CMMI®) for Development, CMMI Institute of Carnegie Mellon University, 2016 - Training on how to ensure the secrecy regime within public authorities and other legal entities, 2020 - Microsoft MTA: Database Administration Fundamentals, online exam preparation course, Pearson VUE 2016 - SCRUM/Agile Fundamentals, 2016	
<u>Language Skills</u> - English (speaking – good, reading – good, writing – good) - Russian (speaking – native, reading – native, writing – native) - Romanian (speaking - excellent, reading – excellent, writing – good)	
<u>Employment Record:</u> Period: 2008 – present Position: Senior Database Expert, Data Migration Specialist, Solution A5 Platform Developer. Employer: Alfsoft srl, Republic of Moldova Responsible for administration of all aspects of database development lifecycle, data migration (ETL) aspects and eGovernment solution development: - Confirms project requirements by studying user requirements; - Maintains data dictionary by revising and entering definitions; - Provide functional and technical support to ensure database performance, operation and stability Database activities to support application development. - Determines changes in physical database by studying project requirements; - Identifying database characteristics, such as location, amount of space, and access method; - Changes database system by coding database descriptions; - Protects database by developing access system; specifying user level of access; - Maintains user reference by writing and rewriting database descriptions; - Design and implementation of data warehouse. - Database optimization; - Performing data migration through ETL/ELT process;	



- ETL process management
- Data pipeline (ETL tools) development
- Data migration, testing data migration correctness.

Experience:

Name of assignment or project:

Integrated Food Safety Information Management System in Moldova

Year: 2021-2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Finance Corporation

Main project features: Development and implementation of the Integrated Food Safety Information Management System (IFSIMS) for the National Agency for Food Safety (ANSA).

Positions held: **Senior Database Developer.**

Activities performed: Database and Data Warehouse Architecture design. Providing functional and technical support to ensure database performance, operation and stability. Data analysis. Data migration strategy. Data ETL migration. Database design, database optimization, stored Procedures implementation. Coordination of database activities to support A5 Platform application development. Providing functional and technical support to ensure database performance, operation and stability. Data pipeline (SSIS Package) development, Performing data migration through ETL/ELT process. Data migration, testing ETL data migration correctness. Development technical documentation on database.

Name of assignment or project:

Electronic State Register of Legal Professions Information System (ESRLP)

Year: 2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Development Law Organization, EBRD

Main project features: The Electronic State Register of Legal Professions (ESRLP) is an integral part of the electronic governance and envisaged by policies of the European Union and include the following sub-systems:

- Electronic State Register of Legal Professions sub-system including Personal cabinet,
- Case Management modules sub-system.

ESRLP covers register' functionalities for all authorized legal professions, namely: mediators, enforcement officers, judicial experts, notaries, attorneys (lawyers) and law offices, authorized translators and interpreters, authorized administrators,

Positions held: **Senior Database Developer.**

Activities performed: Database design, database optimization, stored Procedures implementation. Coordination of database activities to support A5 Platform application development. Providing functional and technical support to ensure database performance, operation and stability. Data pipeline (SSIS Package) development, Performing data migration through ETL/ELT process. Data migration, testing ETL data migration correctness. Development technical documentation on database. Providing functional and technical support to ensure database performance, operation and stability.

Name of assignment or project:

Re-engineering of unemployment benefit service Information System to automate the measures in the field of application for unemployment registration and receiving the unemployment benefit.

Year: 2020-2022

Location: Republic of Moldova, Chisinau

Procuring Entity: Worldbank/e-Governance Agency Moldova,

Main project features:

An Information Technology System “Electronic Application for Unemployment Registration System” for the National Agency for Employment (NAE) of Republic of Moldova, based on web-enabled document, workflow management system and specific IT solutions that will simplify processes to the for unemployment registration and receiving the unemployment benefit.

Positions held: **Senior Database Developer.**

Activities performed:

Activities performed: Database design, database optimization, stored Procedures implementation. Coordination of database activities to support A5 Platform application development. Providing functional and technical support to ensure database performance, operation and stability. Data pipeline (SSIS Package) development, Performing data migration through ETL/ELT process. Data migration, testing ETL data migration correctness. Development technical documentation on database. Providing functional and technical support to ensure database performance, operation and stability.

Development of an Integrated Case Management System for Moldova Justice Sector

Period: 2018-2020.

Location: Republic of Moldova, Chisinau

Procuring Entity: USAID / Open Justice Project

Main project features:

Solution developed and implemented for Ministry of Justice of Republic of Moldova that replaces the currently used technologically outdated Case Management System. New ICMS fully covers management of the cases at all levels – First Instance, Courts of Appeal and Supreme Court of Justice of Moldova. ICMS covers full cycle of Case Management on all levels as well as Case horizontal (between Courts of the same level) and vertical (from First Instance to Appeal, from Appeal to Supreme Court of Justice) transfers.

Integrate ICMS with external services and systems: authentication (MPass), digital signature (MSign), online payment (MPay), logging (MLog), notification (MNotify), Registry of Population, Registry of Legal Entities, General Prosecutor’s Office, Ministry of Internal Affairs, Department of Penitentiary Institutions, Office of Executors, Moldova National Portal of Court Instances and others. Data migration: migrate 24 MSSQL database to single MSSQL enterprise data warehouse.

Positions held: **Senior Database Developer.**

Activities performed:

Database and Data Warehouse Architecture design. Providing functional and technical support to ensure database performance, operation and stability. ICMS’ data analysis. Data migration strategy. Data ETL migration planning using SQL Server Integration Services SSIS. Coordination of data migration process (over 2 million cases and over 10 million files from 21 Courts, migrated from old de-centralized systems to single MS SQL database). Testing data migration correctness, prepare data migration report. Development of ICMS reporting (more 150 reports) and Business Intelligence (OLAP cube) modules. Database optimization. Providing functional and technical support to ensure database performance, optimization and stability.

Name of assignment or project:

Tax Information System “e-Cadaster” v2.0 (redesign and redevelopment)

Year: 2019-2020

Location: Republic of Moldova, Chisinau

Procuring Entity: State Tax Service of RM/CTIF

Main project features:

Solution for tax inspectors of General Tax Inspectorate to calculate tax and issue invoice for payment for immovable property. The system also keeps record of received payments, calculates fines for late payment.

Tax Cadaster is a web-based intranet application, which provides functionalities for collecting, calculating, management and monitoring of taxable properties.

Positions held: **Database Developer / Data Migration Specialist**

Activities performed:

MS SQL Database design, database optimization, stored Procedures implementation. Coordination of database activities to support A5 Platform application development. Providing functional and technical support to ensure database performance, operation and stability. Data pipeline (SSIS Package) development, Performing data migration through ETL/ELT process. Data migration, testing ETL data migration correctness. Development technical documentation on database.

Name of assignment or project:

eRFI - Requests for Intervention Case Management System, eIPR – Intellectual Property Rights Register.

Year: 2018

Location: Republic of Moldova, Chisinau

Procuring Entity: The European Union's Neighbourhood Programme for the Republic of Moldova

Main project features:

A software solution to support enforcement of the intellectual property rights as a part of European Union's Neighborhood Programme for the Republic of Moldova. Solution includes two systems - Case Management on Requests for Intervention (eRFI) and Intellectual Property Rights Register (eIPR). Both systems are hosted on MCloud and are integrated with services provided by Moldovan Government such as MSign, MPass, MLog, MNotify and MConnect for interacting with other governmental systems. System also provides statistical data from different state authorities – Agency for Courts Administration, General Prosecutor Office, Custom Service, and General Inspectorate of Police etc, and generating aggregated reports on collected data.

Positions held: **Database Developer / A5 Platform Solution Developer.**

Activities performed:

Providing functional and technical support to ensure database performance, operation and stability. Data analysis. Coordination of database activities to support application development. Database design. Maintains data dictionary by revising and entering definitions. Data ETL migration planning using SQL Server Integration Services SSIS. Testing data migration correctness, preparation data migration report. Development reporting module.

Name of assignment or project:

Information system "Financial control" for Central Electoral Commission.

Year: 2018-2019

Location: Republic of Moldova, Chisinau

Procuring Entity: UNDP, EDMITE Project

Main project features:

UNDP Project "Improvement of the quality of democracy in Moldova through electoral and parliamentary support. IS Financial Control provide the Central Electoral Commission, collects the reports from candidates and political parties, with a toolkit that allow universal and standard reporting procedures aiming at reducing the complexity, cost and duration of data processing of financial reports from candidates/political parties, the ISS Financial Control able to run automatized verification procedures of reports submitted to CEC based on mathematic rules and logical constraints.

Positions: **Senior Database Developer / Data Migration Coordinator.**

Activities performed:

MS SQL Database design, database optimization, stored Procedures implementation. Coordination of database activities to support A5 Platform application development. Providing functional and technical support to ensure database performance, operation and stability. Development reporting module (more than 30 reports Microsoft Reporting Server). Prepare technical documentation on database schema.

Payout Management Information System for Jamaica Deposit Insurance Corporation (JDIC PMIS)

Year: 2016-2018

Location: Kingston, Jamaica

Client: Jamaica Deposit Insurance Corporation (JDIC)

Main project features:

Information Solution that performs computation of the insured deposit payment due to each depositor of the JDIC member institution (Policyholder) and the prompt pay out of depositors in the event of the failure of the Policyholder.

Positions held: **Senior Database Developer / Data Migration Coordinator**

Activities performed:

Database design.

MS SQL Database design, database optimization, stored Procedures implementation. Calculation query, account balances query. Coordination of database activities to support application ASP.NET development. Providing functional and technical support to ensure database performance, operation and stability. Database administration. Development reporting module (more than 30 reports). Prepare data migration ETL packet for SQL Server Integration Services. Data migration planning and coordination. Testing data migration correctness, prepare data migration report. Development technical documentation on database schema.

Ms. Aricova has participated as a Database Developer / Data Migration Specialist / Solution Developer in the following projects for the past 5 years:

- e-Authorization Transport System issuing permits, Moldova
- Case Management System (CMS) for Tax Authority. Moldova 2020
- IT Subsystem "Civil Status Acts" under the AIS "State Register of Population
- Electronic Integrated e-Construction Permits System eCPS in the Republic of Armenia.
- Development of Regional Online Integrated Business Registration System for the Caribbean Community
- Document and Workflow Management System DWMS, CARICOM
- Information system for modernization of the Unified State Register of Claims on Movable Property, Kyrgyzstan
- Business, Mortgage and Collateral Registration Systems, Rwanda
- Development & Implementation of Payout Management Information System (PMIS), Jamaica



SOFIA ARICOVA

Has successfully completed the requirements to be recognized as a Microsoft Technology Associate:
Database Fundamentals.

Date of achievement: April 12, 2016
Certification number: F649-1100

Satya Nadella
Chief Executive Officer

Microsoft
Technology Associate

Part No. 318-61697



SOFIA ARICOVA

Has successfully completed the requirements to be recognized as a Microsoft Specialist: Programming in
HTML5 with JavaScript and CSS3.

Date of achievement: April 20, 2017
Certification number: G083-3054

Satya Nadella
Chief Executive Officer

Microsoft
Specialist

Part No. 318-63703

RESUME Anatol Bobicev

Name of Personnel: Anatol Bobicev	
Title: Integration DevOps Expert/ Senior System Engineer	
Date of Birth: October 05, 1966	
Years with Firm: 2005 – present	Citizenship: Republic of Moldova
Education/Qualifications: Technical University of Moldova. Master degree in Computer Science (1983 - 1988)	
Certification Microsoft Certified Technology Specialist, 2006	
Other Training or Skills - Kubernetes Administration course, 2021 - Microsoft Azure Developer: Deploying and Managing Containers, 2021 - Training on how to ensure the secrecy regime within public authorities other legal entities, 2020 - Microsoft Azure DevOps Solutions, course 2019 - Agile Team Practices with Scrum, 2017 - Introduction to the Capability Maturity Model Integration (CMMI®) for Development, CMMI Institute of Carnegie Mellon University. 2016 - Red Hat Linux System and Security Administration, 2015 - Red Hat Linux Cloud Architecture, 2015 - JBoss Application Administration, 2015 - Project Management, training course 2009 - Microsoft Training Center, Windows SharePoint server 2008, Installation, 2009 - Microsoft Training Center, Windows 2008 Server Networking, 2009 - Microsoft Training Center, Windows 2003 Server Networking, 2005	
Employment Record: Period: 2005 – present Position: Senior DevOps Expert / Senior System and Network Specialist Employer: Alfsoft SRL, Republic of Moldova Responsible for administration of all aspects of development lifecycle Continuous integration (CI) and continuous delivery (CD), eGovernment solution support and maintenance. Implement and support of practices and processes that are intended to speed up and automate aspects of the processes of developing, testing and releasing software, allowing for the continuous delivery of software and software updates.	
- Configuration of cloud environment, virtual machines; - application installation, deployment assistance; - Technical support and maintenance; - Licenses expiration monitoring; - SSL certificate install and management expiration; - Analysis of system architecture; - Prepare System and Application Installation Guides; - Provide System administrators training; - Manage Backup and Disaster Recovery;	- Configuration and setup of DevOps infrastructure; - CI/CD pipelines for build-release cycle implementation; - Setup of automated testing execution in context of CI pipelines; - Kubernetes, Docker installation and setup; - Manage “Kubernetes Cluster Manager – Rancher”; - Setup high availability and fault tolerance environments;



and

Period: 2003 – 2005

Position: Senior System and Network Specialist

Employer: Adaptive Intelligence, Republic of Moldova.

Senior Network Administrator, Web-Designer. Analysis, planning and design of client's LAN and corporate WANs

Period: 2001 – 2003

Position: System and Network Specialist

Employer: Supremația Legii NGO, Republic of Moldova.

Senior Network Administrator, Web-Designer. Analysis, planning and design of client's LAN and corporate WANs

Period: 1998 – 2001

Position: Senior DevOps Expert / Senior System and Network Specialist

Employer: Chisinau, Moldova, Relsoft Communications – Internet Service Provider

Senior Network Administrator, Web-Designer. Analysis, planning and design of client's LAN and corporate WANs

Period: 1997-1998

Position: System and Network Specialist

Employer: Chisinau, Moldova, Research and development company Dekart

Hardware Engineer/LAN administrator. Administration of Dekart LAN - heterogeneous, Windows / Unix based).

Period: 1995-1997

Position: Senior Hardware Engineer

Employer: Chisinau, Moldova, Scientific-production Company ADD

Leading engineer. Hardware development of multi-purposes modems based on Intel chipsets, printed circuit boards development, organization of production and tuning line for single- and multi-channel modems, personnel training, malfunction diagnostics programs development. Development and production of multi-channel digital equipment for wire data communications : short range modems, teletype adapters

Period: 1988-1991

Position: Science researcher

Employer: Chisinau, Moldova, Scientific-Research Institute "Kvant"

Research and hardware development of logical circuits state analyzers (Certificate of authority SU № 1499350 A1). Participation in implementation of automatic synthesizer of pseudo-random tests for Intel microprocessors, logical design of testing sequences.

Experience:

Name of assignment or project:

The electronic platform of the surveillance system for communicable diseases and public health events

Year: 2023

Location: Republic of Moldova, Chisinau

Procuring Entity: World Health Organization

Main project features: The electronic platform of the surveillance system for communicable diseases and public health events (IDSS) and development of the updated information technology (IT) solution for the nominal cases notification, including COVID-19 cases and associated reports generation.

Positions held: **Senior DevOps Expert / Senior System and Network Specialist.**

Activities performed:

Configuration Continuous integration (CI) and continuous delivery (CD) process. Deployment and configuration IDSS on testing and production environments (governmental cloud infrastructure MCloud). Development of

system installation and configuration guides and reports. Development of agenda and materials for training IDSS system administrators. IDSS technical support related to network and system administration.

Name of assignment or project:

Integrated Food Safety Information Management System in Moldova

Year: 2021-2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Finance Corporation

Main project features: Development and implementation of the Integrated Food Safety Information Management System (IFSIMS) for the National Agency for Food Safety (ANSA).

Positions held: **Senior DevOps Expert / Senior System and Network Specialist.**

Activities performed:

Configuration Continuous integration (CI) and continuous delivery (CD) process. Deployment and configuration IFSIMS on testing and production environments (governmental cloud infrastructure MCloud). Development of system installation and configuration guides and reports. Development of agenda and materials for training IFSIMS system administrators. IFSIMS technical support related to network and system administration.

Name of assignment or project:

Electronic State Register of Legal Professions Information System (ESRLP)

Year: 2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Development Law Organization, EBRD

Main project features: The Electronic State Register of Legal Professions (ESRLP) is an integral part of the electronic governance and envisaged by policies of the European Union and include the following sub-systems:

- Electronic State Register of Legal Professions sub-system including Personal cabinet,
- Case Management modules sub-system.

ESRLP covers register' functionalities for all authorized legal professions, namely: mediators, enforcement officers, judicial experts, notaries, attorneys (lawyers) and law offices, authorized translators and interpreters, authorized administrators,

Positions held: **Senior DevOps Expert / Senior System and Network Specialist.**

Activities performed:

Configuration Continuous integration (CI) and continuous delivery (CD) process. Deployment and configuration ESRLP on testing and production environments (governmental cloud infrastructure MCloud). Development of system installation and configuration guides and reports. Development of agenda and materials for training ESRLP system administrators. ESRLP technical support related to network and system administration.

Name of assignment or project:

Development of an Integrated Case Management System for Moldova Justice Sector

Period: 2018-2020.

Location: Republic of Moldova, Chisinau

Procuring Entity: USAID/ Open Justice Project

Main project features:

Solution developed and implemented for Ministry of Justice of Republic of Moldova that replaces the currently used technologically outdated Case Management System. New ICMS fully covers management of the cases at all levels – First Instance, Courts of Appeal and Supreme Court of Justice of Moldova. ICMS covers full cycle of Case Management on all levels as well as Case horizontal (between Courts of the same level) and vertical (from First Instance to Appeal, from Appeal to Supreme Court of Justice) transfers.

Positions held: **Senior DevOps Expert / Senior System and Network Specialist.**

Activities performed:

Configuration Continuous integration (CI) and continuous delivery (CD) process. Deployment and configuration ICMS on testing and production environments (governmental cloud infrastructure MCloud). Development of system installation and configuration guides and reports. Development of agenda and materials for training ICMS system administrators. ICMS technical support related to network and system administration.

Name of assignment or project:

State Register of Small Arms and Light Weapons Information System (RSA)

Year: 2019-2020

Location: Republic of Moldova, Chisinau

Procuring Entity: State Budget of Ministry of Internal Affairs of the Republic of Moldova

Main project features:

Small Arms and Light Weapons (RSA) e-Register - complex data processing system on tracking arms, legal owners of guns, as well as weapons and ammunition operations organized at the multi-level and administered by the structure that coordinates the activity.

Positions held: **Senior DevOps Expert / Senior System and Network Specialist**

Activities performed:

Deployment and configuration solution on testing and production environments. Configuration Continuous integration (CI) and continuous delivery (CD) process. Solution support and maintenance. Development system installation and configuration guides and reports. Development agenda and materials for training system administrators.

Supply and installation of the information system for modernization of the Unified State Register of Claims on Movable Property

Period: 2016 – 2017

Location: Bishkek, Kyrgyzstan

Procuring Entity: Central Collateral Registration Office

Donor: International Development Association (World Bank Group)

Position: Lead Application Developer

Main project features: Functional & technical gap analysis, mapping & reengineering of business processes, supply, installation, customization and support of the collateral registration system, as well as hardware infrastructure and software licenses.

Positions held: **Senior DevOps Expert / Senior System Specialist.**

Activities performed:

Configuration and deployment Continuous integration (CI) and Continuous delivery (CD) process. Deployment and configuration solution on testing and production environments. Solution support and maintenance. Development system installation and configuration guides and reports. Development agenda and materials for training system administrators.

Design and implementation of an Electronic Construction Permitting System and one-stop shop in Antigua and Barbuda

Period: 2020

Location: Antigua and Barbuda

Procuring Entity: Inter-American Development Bank, Development Control Authority DCA

Main project features:

Services to design and implement an Electronic Permitting System and One-Stop Shop for the processing of construction permit approvals in Antigua and Barbuda. Construction ePermit Management System represents an electronic application designed for the purpose of issuance of construction permits depending on arising needs.

Activities performed:

Positions held: **Senior DevOps Expert / Senior System Specialist.**

Activities performed:

Configuration and deployment Continuous integration (CI) and continuous delivery (CD) process. Deployment and configuration solution on testing and production environments. Development system installation and configuration guides and reports.

Name of assignment or project:

Development and Implementation of Business Registry for Caribbean Community Member States.

Year: 2016

Location: Georgetown, Guyana

Procuring Entity: Caribbean Community Secretariat, CARICOM.

Main project features: Design, development and deployment of web-based business registry systems for 12 CARICOM member states.

Positions held: **Senior System Engineer**

Activities performed:

Application installation and configuration, technical documentation development (installation, configuration and administration guide), system administrator training, technical support. Network configuration.

Name of assignment or project:

Design, Development, Implementation and Support for the Automated Case Media Manager System for Commission for Reconciliation, Mediation and Arbitration (CCMA)

Period: 2015

Location: South Africa, Johannesburg

Procuring Entity: Department of Justice the South Africa Republic

Main project features: Software design, development, implementation, training and post-implementation support for the automated system that captures audio and video records along with metadata from the JAVS recorders in 300+ courtrooms, securely transfers such records to 20+ district servers across the nation.

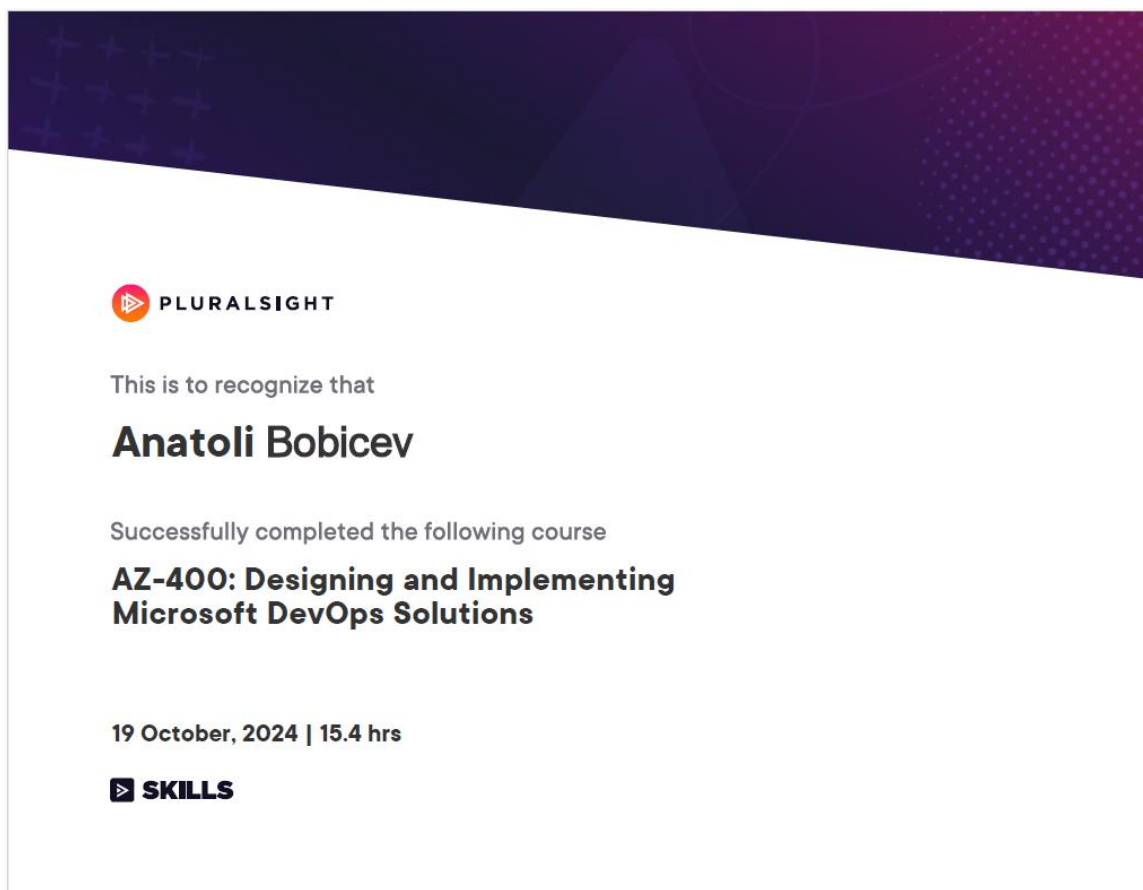
Positions held: Senior DevOps Expert / Senior System and Network Specialist.

Activities performed:

Configuration CI/CD process. Deployment and configuration solution on testing and production environments. Solution support and maintenance. Development system installation and configuration guides and reports. Development agenda and materials for training system administrators.

Mr. Bobicev has participated as a **Senior DevOps Expert / Senior System and Network Specialist** in the following projects for the past 5 years:

- Development of a Media Management System to Improve Audio Recording of Court Hearings, Moldova.
- Tax Information System e-Cadaster v2.0, Moldova
- Case Management System (CMS) for Tax Authority, Moldova
- Re-Admission Case Management Electronic System (RCMES), Armenia
- Upgrade of the Electronic Public Procurement System, Albania
- Support to Enforcement of Intellectual Property Rights, eRFI - Requests for Intervention Case Management System, eIPR – Intellectual Property Rights Register, Moldova.
- Penitentiary Management System for the Directorate for Execution of Sanctions, Kyrgyzstan
- Information system “Financial control” for Central Electoral Commission, Moldova.
- Consulting Service to Upgrade & Consolidate Business, Mortgage and Collateral Registration Systems, Rwanda.
- Case Media Manager System for Court Audio Recording, South Africa.







Certificate of Completion

For: Anatolie Bobicev

**Microsoft Azure DevOps Engineer
Implement and Manage Azure Pipelines
Infrastructure**

by James Bannan

Duration: 2 hrs 25 min
Completed: Aug 1, 2019

REP ID 4127



Igor Munteanu

Name of Personnel: Igor Munteanu	
Title: Senior Software Developer	
Years with Firm: 2020 – present	Country/City of Residency: Republic of Moldova
Education: 2016 - 2020 - Chisinau, Republic of Moldova. Bachelor's Degree in Computer Science - Technical University of Moldova. Field of study: Informational Management Technology Stack: C#, JAVA, .NET 8, Front-end framework Angular, Web Services (WSDL), Node.js, EntityFramework, jQuery, Kafka, Microsoft SQL Server, PostgreSQL, Docker, Microservices.	
Training and Certifications: - Developing Java Apps with Docker - Object Oriented Programming in Java - Entity Framework Core (.Net Core 7) - Programming in HTML5 with JavaScript and CSS3 - Developing ASP.NET MVC Web Applications Node.JS Application Security - Securing a JavaScript REST API with JSON Web Tokens - Querying Data from PostgreSQL - Querying Data from MongoDB - Executing Complex Queries with Elasticsearch SQL Server Performance: Introduction to Query Tuning - Kubernetes for Developers: Core Concepts - Using Kubernetes as a Developer - Fundamentals of Docker and Kubernetes for .NET 5 Developers - Application Testing with Azure DevOps and Visual Studio Language Skills Mother tongue(s): Romanian Other language(s): - English (speaking – excellent, reading – excellent, writing – good) - Russian (speaking – excellent, reading – excellent, writing – excellent)	
Employment Record: Period: 2020 – present Position: Senior Application Developer/ Solution Developer Employer: Chisinau/Moldova, Alfasoftware srl Responsible of all aspects of software development lifecycle development and eGovernment solution development: - Analyzing, designing, implementing, and delivering well-structured and robust technical solutions. - Ensuring code quality by writing unit and integration tests. - Documenting design decisions, technical aspects, and workflows. - Collaborating effectively within the team	

- | | |
|---|--|
| <ul style="list-style-type: none"> • Create wireframes, user flows, process flows, site maps for visual layout of web page and convert it to code (using HTML, CSS, and JavaScript); • Present designs to key stakeholders; • Visual Studio IDE to code, debug, test; • Eclipse, Jenkins IDE • Team Foundation Server (TFS), Azure DevOps Server IDE • Agile/Scrum development Approach; • Iteration demonstration; • Load/stress Testing scenario development – Visual Test Studio Tool; | <ul style="list-style-type: none"> • C#, JAVA, ASP.NET, .NET Core; • HTML5, CSS3, Jscript; • Entity Framework for ADO.NET; • React, JQuery, Node JS library; • ElasticSearch RESTful search and analytics engine • SOAP/Restful API development; • Consolidate Data and design Online Forms • Reporting development Telerik, StimulSoft, JasperReports, SQL Server Reporting Services (SSRS); • PostgreSQL/ MS SQL/MongoDB querying/stored procedure; • Code review and peer review; |
|---|--|

Experience:

Name of assignment or project:

State Register of Small Arms and Light Weapons Information System

Year: 2022-2023

Location: France

Procuring Entity: Organisation for Economic Co-operation and Development ECD/ITF

Main project features:

A solution for the digitalisation of the European Conference of Ministers of Transport (ECMT) transport licences system managed by the ITF and operated by the 43 European Member countries of the ITF/OECD. These licences information system enable hauliers to undertake an unlimited number of multilateral freight operations in 43-member countries participating in the system.

Positions held: Software Application Developer

Development of ECMT System using latest technologies in software development, SQL server database query design. UI Forms development and design, mobile app development;

Name of assignment or project:

State Register of Small Arms and Light Weapons Information System

Year: 2020

Location: Republic of Moldova, Chisinau

Procuring Entity: State Budget of Ministry of Internal Affairs of the Republic of Moldova

Main project features:

Small Arms and Light Weapons (RSA) e-Register - complex data processing system on tracking arms, legal owners of guns, as well as weapons and ammunition operations organized at the multi-level and administered by the structure that coordinates the activity.

Positions held: Software Application Developer

Development of Small Arms Register System using latest technologies in software development, PostgreSQL server database query design. UI Forms development and design; Process Flow development; API programming; development workflows; writing unit tests;

Name of assignment or project:

Development of Contracts Procurement Tracking and Contracts Management System

Year: 2020-2021

Location: Malawi, Lilongwe

Procuring Entity: Worldbank/ IOS Partners

Main project features:

Development a Contracts Management and Procurement Tracking System (CMPTS) is a web based/mobile system that facilitates the entire process of public procurement and contractual procedures and enables electronic data exchange amongst all participants of the process.

Activities performed: Development of CMPTS using latest technologies in software development (JAVA, Node.js, JavaScript, Kotlin), SQL server database query design. UI Forms development and design; Process Flow development; API programming; development workflows; writing unit tests;

Name of assignment or project:

Re-engineering of unemployment benefit service Information System to automate the measures in the field of application for unemployment registration and receiving the unemployment benefit.

Year: 2021-2022

Location: Republic of Moldova, Chisinau

Procuring Entity: State Budget of Ministry of Internal Affairs of the Republic of Moldova

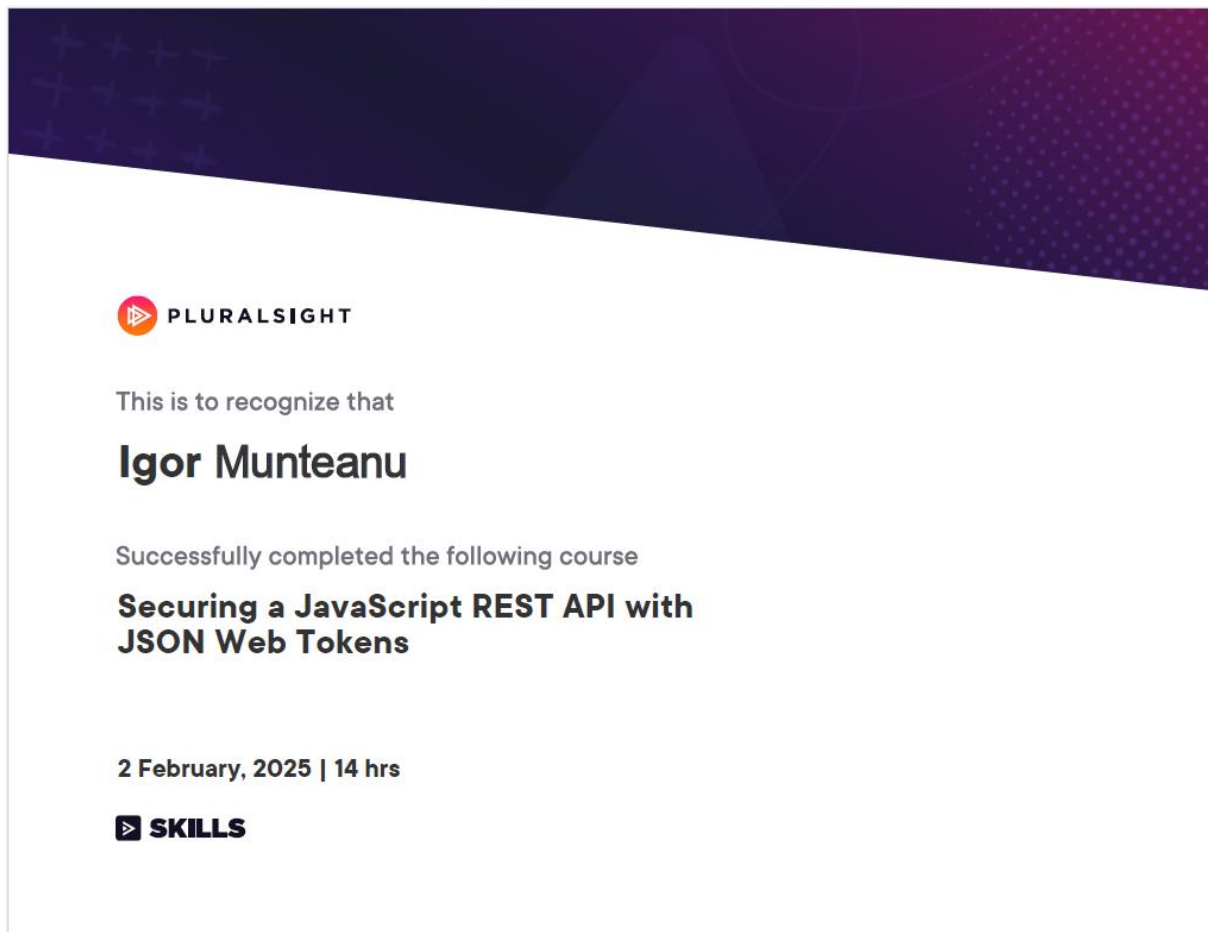
Main project features:

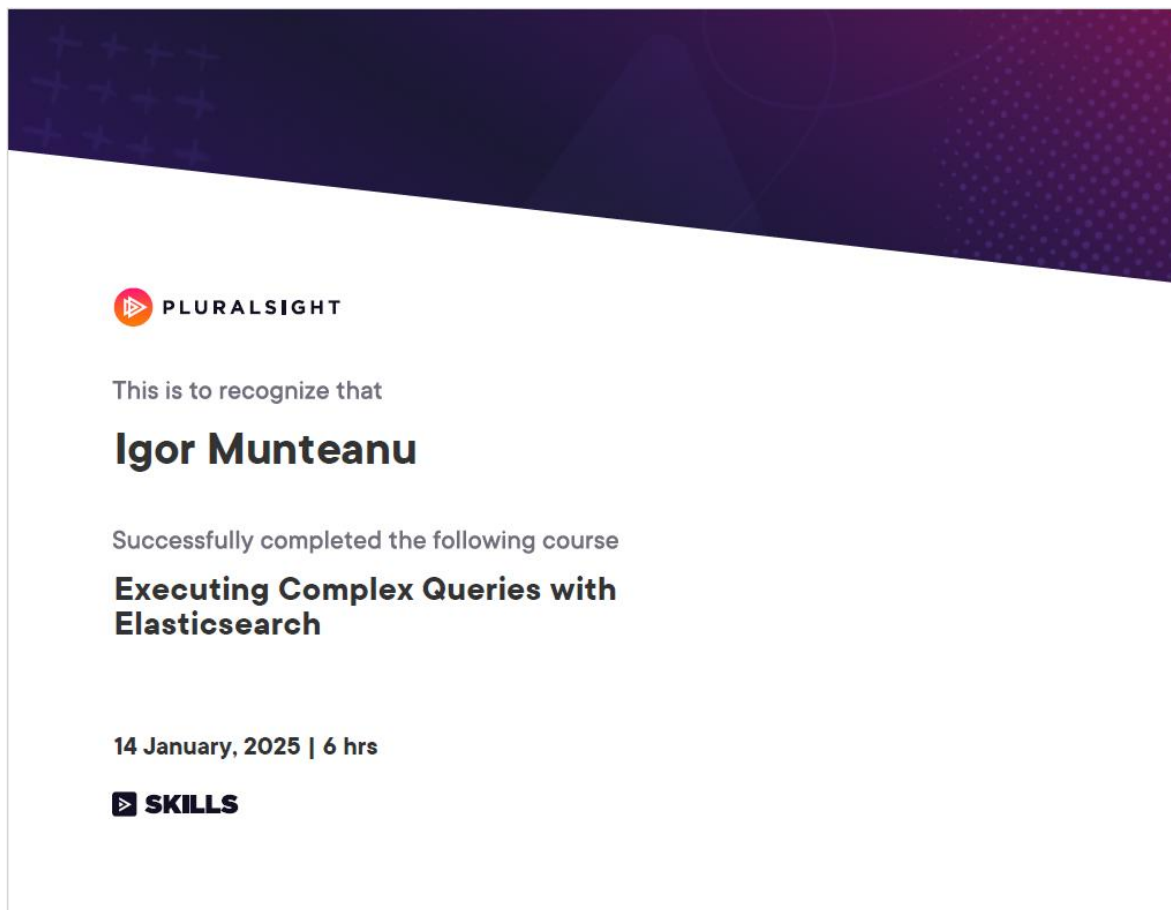
“Electronic Application for Unemployment Registration System” (ANOFM) for the National Agency for Employment (NAE) of Republic of Moldova, based on web-enabled document, workflow management system and specific IT solutions that will simplify processes to the for-unemployment registration and receiving the unemployment benefit.

Positions held: Software Application Developer

Development of ANOFM System using latest technologies in software development, **PostgreSQL** server database query design. UI Forms development and design; Process Flow development; API programming; development workflows; writing unit tests, a containerization platform dockers;









Certificate no: UC-7e1cb329-c763-4a19-9443-064a33c53a0e
Certificate url: ude.my/UC-7e1cb329-c763-4a19-9443-064a33c53a0e
Reference Number: 0004

CERTIFICATE OF COMPLETION

Entity Framework Core - The Complete Guide (.NET Core 7)

Instructors **Bhrugen Patel**

Igor Munteanu

Date **Jan. 31, 2025**

Length **6 total hours**



This is to recognize that

Igor Munteanu

Successfully completed the following course

Node.js: Application Security

3 December, 2024 | 6 hrs



Name of Personnel: Olesea Luchian			
Title: Software Tester/Quality Assurance Expert			
Years with Firm: 2016 - present	Country/City of Residency: Republic of Moldova / Chisinau		
<u>Education/Qualifications:</u> Moldova State University, Biology Soil Sciences. – 2006 INSTITUTUL DE FORMARE CONTINUA Programarea sistemelor informatiionale 2019			
<u>Certification</u> • Microsoft Certified Professional, 2020 • ISTQB Certified Tester, 2019 • ISO9001:2015 Internal Auditor, 2017 			
<u>Other Training or Skills</u> • Getting Started with Azure Automation, 2020 • Getting Started with UI Testing and Visual Test Studio, 2019 • ISTQB Training, 2019 • Usability Testing Approaches for UX Design, 2018 • SCRUM/Agile Fundamental training, 2016			
<u>Language Skills</u> • Romanian (speaking – native, reading – native, writing – native) • Russian (speaking - excellent, reading – excellent, writing – excellent)			
<u>Employment Record:</u> Period: 2016 – present Position: Quality Assurance (QA) Tester Employer: Alfsoft SRL, Republic of Moldova Responsible of all aspects of software testing lifecycle: <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top;"> • Reviewing software requirements and preparing test scenarios; • Analyzing test results on application impacts, errors or bugs, and usability; • Preparing reports on all aspects related to the software testing carried out and reporting to the development team; • Participating in design reviews and providing input on requirements </td> <td style="vertical-align: top;"> • Executing test scripts and reviewing results • Create logs to document testing phases and defects • Report bugs and errors to development teams • Iteration demonstration & Review meetings; • Test cases & user acceptance testing workshops; • Conduct post-release/ post-implementation testing • Perform thorough regression testing when bugs are resolved </td> </tr> </table>		• Reviewing software requirements and preparing test scenarios; • Analyzing test results on application impacts, errors or bugs, and usability; • Preparing reports on all aspects related to the software testing carried out and reporting to the development team; • Participating in design reviews and providing input on requirements	• Executing test scripts and reviewing results • Create logs to document testing phases and defects • Report bugs and errors to development teams • Iteration demonstration & Review meetings; • Test cases & user acceptance testing workshops; • Conduct post-release/ post-implementation testing • Perform thorough regression testing when bugs are resolved
• Reviewing software requirements and preparing test scenarios; • Analyzing test results on application impacts, errors or bugs, and usability; • Preparing reports on all aspects related to the software testing carried out and reporting to the development team; • Participating in design reviews and providing input on requirements	• Executing test scripts and reviewing results • Create logs to document testing phases and defects • Report bugs and errors to development teams • Iteration demonstration & Review meetings; • Test cases & user acceptance testing workshops; • Conduct post-release/ post-implementation testing • Perform thorough regression testing when bugs are resolved		
<u>Experience:</u> Name of assignment or project: The electronic platform of the surveillance system for communicable diseases and public health events Year: 2023 Location: Republic of Moldova, Chisinau Procuring Entity: World Health Organization			

Main project features: The electronic platform of the surveillance system for communicable diseases and public health events and development of the updated information technology (IT) solution for the nominal cases notification, including COVID-19 cases and associated reports generation.

Positions held: Product owner/Quality Assurance Specialist/Trainer

Activities performed: Conduct post-release/ post-implementation testing. Accomplish testing efforts: performance, functional, integration, system and UI testing.

Development training curricula and materials on how to use the system, including how to access the system, enter the data into the system using the available forms and templates, report and track incidents, find work-arounds for possible “bottlenecks”. Preparation of training schedule, of training scenarios. Organizing and performing Zoom Online recorded training sessions to the Agency staff, writing training reports. Production of video training material.

Name of assignment or project:

Integrated Food Safety Information Management System in Moldova

Year: 2021-2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Finance Corporation

Main project features: Development and implementation of the Integrated Food Safety Information Management System (IFSIMS) for the National Agency for Food Safety (ANSA).

Positions held: Product owner/Quality Assurance Specialist/Trainer

Activities performed: Conduct post-release/ post-implementation testing. Accomplish testing efforts: performance, functional, integration, system and UI testing.

Development training curricula and materials on how to use the system, including how to access the system, enter the data into the system using the available forms and templates, report and track incidents, find work-arounds for possible “bottlenecks”. Preparation of training schedule, of training scenarios. Organizing and performing Zoom Online recorded training sessions to the Agency staff, writing training reports. Production of video training material.

Name of assignment or project:

Electronic State Register of Legal Professions Information System (ESRLP)

Year: 2023

Location: Republic of Moldova, Chisinau

Procuring Entity: International Development Law Organization, EBRD

Main project features: The Electronic State Register of Legal Professions (ESRLP) is an integral part of the electronic governance and envisaged by policies of the European Union and include the following sub-systems:

- Electronic State Register of Legal Professions sub-system including Personal cabinet,
- Case Management modules sub-system.

ESRLP covers register’ functionalities for all authorized legal professions, namely: mediators, enforcement officers, judicial experts, notaries, attorneys (lawyers) and law offices, authorized translators and interpreters, authorized administrators,

Positions held: Trainer/Quality Assurance Specialist.

Activities performed: Development training curricula and materials on how to use the system, including how to access the system, enter the data into the system using the available forms and templates, report and track incidents, find work-arounds for possible “bottlenecks”. Preparation of training schedule, of training scenarios. Organizing and performing Zoom Online recorded training sessions to the Agency staff, writing training reports. Production of video training material.

Name of assignment or project:

Development of an Integrated Case Management System for Moldova Justice Sector

Period: 2018-2020.

Location: Republic of Moldova, Chisinau

Procuring Entity: USAID/ Open Justice Project

Main project features:

Solution developed and implemented for Ministry of Justice of Republic of Moldova that replaces the currently used technologically outdated Case Management System. New ICMS fully covers management of the cases at all levels – First Instance, Courts of Appeal and Supreme Court of Justice of Moldova. ICMS covers full cycle of Case Management on all levels as well as Case horizontal (between Courts of the same level) and vertical (from First Instance to Appeal, from Appeal to Supreme Court of Justice) transfers.

Positions held: Quality Assurance Specialist / UI Tester / Documentation writer.

Activities performed:

Develop testing documentation for ICMS. Define ICMS quality requirements. Perform audits of ICMS development, development audit reports and propose, provide and monitor remedial measures. Conduct post-release/ post-implementation testing. Performance and stress testing execute and report. Accomplish testing efforts: performance, functional, integration, system, regression, security (OWASP 10) and UI testing. Development of project documentation – User manuals, test plan and test scenarios.

Name of assignment or project:

MMIP sub-system for the permissive documents issued by local public authorities

Period: 2021

Location: Moldova, Chisinau

Procuring Entity: Project Implementation Unit of the Competitiveness Enhancement Project

Main project features: Additional assistance in form of technical support for additional training for SIA GEAP operators.

Positions held: Trainer

Activities performed: Development training curricula and materials on how to use the SIA GEAP, including, inter alia, how to access the system, enter the data into the system using the available forms and templates, report and track incidents, find work-arounds for possible “bottlenecks”. Training curricula for each standardized process applicable to relevant agencies.

Preparation of training schedule, of training scenarios. Organizing and performing Zoom Online recorded training sessions to the Agency staff, writing training reports. Production of video training material.

Re-Admission Case Management Electronic System (RCMES), Armenia.

Period: 2018

Location: Armenia, Yerevan

Procuring Entity: European Union

Main project features: Developing of the re-admission application-inquiry between the Republic of Armenia and European Union on the readmission of persons residing without authorization within the periods established. Design, develop and implement a RCMES, based on web-enabled document and workflow management system with capabilities that will support and be aligned to the International Centre for Migration Policy Development.

Positions held: Quality Assurance Specialist, UI Tester

Activities performed: Develop testing documentation. Define quality requirements. Organize testing within Automated Testing Environment using Automated Testing tools. Perform audits of CMIS development, development audit reports and propose, provide and monitor remedial measures.

Name of assignment or project:

College Management Information System CMIS

Period: 2017 - 2018

Location: Moldova, Chisinau

Procuring Entity: Austrian Development Agency ADA

Main project features: Develop a web-based College Information Management System for eighteen (18) colleges in the Republic of Moldova.

Positions held: Quality Assurance Specialist, Documentation writer.

Activities performed: Develop testing documentation. Define quality requirements. Perform audits of CMIS development, development audit reports and propose, provide and monitor remedial measures.

Name of assignment or project:

e-Authorization Transport System Moldova (ANTA 2.0)

Period: 2020 - 2021

Location: Moldova, Chisinau

Procuring Entity: USAID/Nathan USA

Positions held: Trainer / Documentation Specialist

Main project features: Development an Information Technology System “e-Authorization Transport System” (hereafter e-Authorization) for the National Automobile Transport Agency (hereinafter ANTA), based on web-enabled document, workflow management system and specific IT solutions that will simplify processes to the business entities when requesting and receiving authorizations issued by ANTA.

Activities performed: Preparation of training schedule, of training scenarios and training methodology. Organizing and performing hands-on training sessions to the client staff, training of trainers, writing training reports. Production of video training material, user manuals administrator guides.



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- Fundamentals of Testing
- Testing Throughout the Software Life Cycle
- Static Techniques
- Test Design Techniques
- Test Management
- Tools Support for Testing

Mitko Mitev
President of the
South East European Testing Board

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