

Alexandru Donici

.Net back-end developer



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Chisinau, Moldova



12 June 1983



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LANGUAGE(S)

Romanian

mother language

Russian



English



EDUCATION AND TRAINING

09.2001 - 06.2005 Licentiate in Informatics

Academy of Economic Studies of Moldova,
specialty Cybernetics and Informatics

MAIN SKILLS

Organizational skills:

- Responsible;
- Punctual;
- Ambitious;
- determined;
- Ability to learn new things quickly;
- Creative thinking and problem solving;
- Planning;
- Public speaking;
- Accepting responsibilities;
- Tolerant and diplomatic.

Web Frameworks:

- ASP.NET MVC;
- WebAPI;
- .NET Core;
- RESTful;
- ASP.NET;
- JQuery.

Database:

- Entity Framework,
- NHibernate,
- DataObjects.net;
- Sql Server,
- MSSQL,
- MySQL,
- PostgreSQL,
- MS Access;
- mongoDB.

Job-related skills:

Programming Languages:

- C#;
- SQL;
- T-SQL;
- LINQ;
- JavaScript;
- XML;
- HTML;
- CSS;.

Web Services:

- WCF;
- WCF Data Services.

WORK EXPERIENCE

11.2017
Present

- .Net back-end Developer/Database Developer

Indrivo SRL

Sciusev 81/1, Chisinau (Moldova)

www.indrivo.com

Main activities and responsibilities as .Net back-end developer:

- Software application design, database analysis, requirements analysis without final product, functional analysis;
- Coherent development of solutions using agile approach;
- Experience with unit testing, continuous integration, DevOps;
- Web UI design and development using responsive frameworks, progressive web apps;
- Business analysis for the software system, implementation of specification based on specification, budgeting, collaboration with stakeholders and end-users, communication of technical data about the product to the non-technical public segment;
- Analyzing the performance of the software system from the design to the final product, analyzing the performance of the critical components, setting and tracking the implementation of the requirements.
- Design and optimize databases for performance and reliability.
- Manage data migration and ETL processes.
- Monitor and tune database performance.
- Implement data security and compliance measures.
- Document schemas and workflows; collaborate with team members.

Implementation period:

Project/Position/Responsibilities

2024 – 2025

Project: SIA RCA Data - corrective, adaptive and preventive maintenance

Position held within the project: DataBase Administrator/ .Net Developer

October 2023 –
November 2023

Project: CEC E-day (support for elections)

Position held within the project: DataBase Administrator/ .Net Developer

2022 – 2023

Project: SIA RCA Data - corrective, adaptive and preventive maintenance

Position held within the project: DataBase Administrator/ .Net Developer

March 2020 –
February 2021

Project: Development of a web platform for job placement and recruitment for the National Employment Agency and maintenance services of it

Position held within the project: DataBase Developer

Project description:

The mission was to create a job platform where candidates search for jobs of work and employers post their jobs. The purpose of the development was in first of all, the unification of two employment portals belonging to our client, into one

unique platform by connecting employers and job seekers on one platform. Combining these two platforms was the key challenge that our team welcomed her. The platform had to be focused on usage, engagement maximum and top customization.

The main technologies used: ASP .NET, PostgreSQL, Redis Cache, Prometheus, Grafana, Logstash, Elastic Search, ViewJs, CSS.

Project: Application for managing security management processes information and document management & Platform for trading online services (BPM, DMS & E-Commerce)

Position held within the project: .Net Developer

February 2019 – May 2019 **Project:** Application for administration of Information Security Management processes, Document Management system (BPM, DMS) & E-commerce

Position under the project: .NET Developer/Database developer

Project description:

The project aims to develop a Customer Information Management System (SMSI) documentation and process management application, according to the ISO 27001 standard. The application allows the beneficiary to customize its parameters in line with subsequent updates of the standard without the subsequent involvement of the developer.

Main technologies: .Net Core 2.2, PostgreSQL, Bootstrap, JQuery, JQuery.DataTable, GrapeJs.

November 2018 – April 2019 **Project:** Development and implementation of State Automated Information System "Vignette"

Position under the project: .NET Developer

Project description:

The main goal of SAIS Vignette is to ensure the Ministry of Economy and Infrastructure of the Republic of Moldova with an IT solution for collecting, storing and data processing regarding collection of fee for using roads in Moldova by non-registered vehicles in Moldova. The system also provide various reports and information for responsible authorities witch allow exercising the verification and control attributions regarding fee payments.

Main technologies: ASP.NET MVC 5, nHibernate, MSSQL 2017, jQuery, Bootstrap, ASP.NET Core 2 API.

March 2018 – August 2018 **Project:** Adjustment of the State Automated Information System "Elections"

Position under the project: .NET Developer

Project description:

As a result of the amendments to the electoral legislation of the Republic of Moldova regarding the parliamentary elections, the electoral system is changed from party lists to elections on a mixed basis (both on the basis of party lists and on the basis of uninominal constituencies). Under these conditions appeared the necessity to adjust the State Automated Information System "Elections" (SAISE).

Main technologies: ASP .NET, MVC, C#, JQuery, Razor View Engine, SQL Server

July 2017 – October 2018 **Project:** Maintenance Services of the Case Management System (CMS), version 4.1.4

Position under the project: .NET Developer/Database Developer

Project description:

The information system aims to automate the internal work procedures within the courts on case management, data on court performance, budget and human resources planning, providing to the citizens an easy access to various electronic services of the court.

Main technologies: Ajax, XML, HTML, JavaScript, jQuery, CSS, ASP.NET, MVC, C#, AJAX, RAZOR View Engine, SQL Server.

06.2007 – 03.2017 Software Developer

Solution company "Rossoft LTD. IT"

Main activities and responsibilities as Software Developer:

- Applying Entity Framework and developing custom DAL for critical transaction operations;
- Developing SOAP web services with header authentication for interconnecting applications;
- Developing Backend and Web UI;
- Ensuring SOAP web services using Web API with header authentication for interconnecting applications;
- Creating access Rights, Logging and UI modules for application;
- Developing dynamic RESTful web services according to the user roles and rights.

Implementation period:

February 2013 – March 2017

Project/Position/Responsibilities

Project: RCA Data State Register, Moldova.

Position under the project: System Architect/Senior Software Engineer.

Description: ROSSOFT LTD complete online Vehicles Insurance System scaled at the country level.

- Connected all Moldavian insurance companies (about 6000 users).
- Keeps the vehicle insurance history, special formulas for calculating insurance costs based on this history.
- Connected with the Border Police, Traffic Police, State Register of Vehicles, State Register of Population through special web services.

Main technologies: WinForms with special updater, ASP.NET MVC for web application, MSSQL 2012, IIS Webserver, Microsoft Windows 2012 Server, front-end and back-end, HTML, CSS, JavaScript.

October 2014 – May 2016

Project: xData Interop

Position under the project: Senior Software Engineer

Description: Modular application developed for MIA of Moldova and Kirgizstan aimed to interconnect different systems and hardware devices using different web services for a unique standard of API's.

Main technologies: ASP.NET MVC, MSSQL, PostgreSQL, IIS Webserver, Microsoft Windows 2012 Server. HTML, CSS, JavaScript.

December 2011 – May 2013

Project: ClickMeter tracking software

Position under the project: Software Architect, Senior Software Engineer

Description: ClickMeter tracking software (<http://clickmeter.com>), Italy. Monitoring and optimization of marketing links. Initially hosted on personal servers and moved to Amazon Web Services. Front-End and Back-End.

Main technologies: ASP.NET MVC, MySQL, IIS Webserver, Microsoft Windows 2008 Server. HTML, CSS, JavaScript.

June 2009 – March 2010

Project: NCB Interpol for State Register, Moldova.

Position under the project: Software Architect, Senior Software Engineer

Description: Application for checking stolen documents, vehicles and wanted persons. Connected with the Interpol Headquarters in the Lion, France. Connected Interpol National Bureau Chisinau, Moldova, 42 Regional Police Departments, Customs, Traffic and Border Police.

December 2008 – March 2011

Project: Management system line for the en-gros and en-detail companies for SPHERUS ENTERPRISE

Position under the project: Senior Software Engineer

Description: Management system line for the en-gros and en-detail companies. MVC Framework written in PHP.

October 2008 – June 2011 – **Project:** Rossoft DATA ROSSOFT LTD Custom Data Engine written in c#. (Analogue of Entity Framework and N/Hibernate)

Position under the project: Senior Software Engineer

June 2007 – March 2015 – **Project:** POLDATA for State Register, Moldova and Kirgizstan.

Position under the project: Senior Software Engineer

Description: Complete Online Traffic Police System scaled at the level of the country. Connected 42 regions with about 4000 users. Connected with the Border Police and RCA DATA, Moldova. Front-End and Back-End.

Main technologies: WinForms with special updater, ASP.NET MVC for web application, SOAP Web services, MSSQL 2005-2012, IIS Webserver, Microsoft Windows 2003-2012 Server.

09.2005 – 01.2007 **Software Engineer**

RDV-SOFT LTD,
Chisinau (Moldova)

Main activities and responsibilities as Software Engineer:

- Developing software, Database Design;
- Developing system of programs for business automation;
- 1C:Enterprise.