

● ABOUT ME

Experienced Information Technology professional specializing in Linux systems, boasting over 10 years of dedicated expertise. Well-versed in the domains of Information Security, Public Key Infrastructure, VAS services, and WEB-based Solutions, with a deep understanding of their technical details and more than 5 years of experience as Team Leader of technical teams. Academic background includes education in Mathematics and Informatics, holding a degree in "Informational Management".

● WORK EXPERIENCE

25 NOV 2023 – CURRENT Bucharest, Romania

CLOUD MIGRATION (ST) CONSULTANT WORLD BANK GROUP

Responsibilities

- Technical Analysis and Recommendations:
 - Conduct in-depth technical assessments of existing IT&C applications/systems to determine their readiness for migration to the government cloud platform.
 - Develop comprehensive recommendations for the migration of IT&C applications/systems, including necessary corrective and adaptive measures to enhance cloud compatibility
- Strategic Planning and Policy Development:
 - Support the definition of strategic approaches for cloud migration and deployment, establishing policy and regulatory foundations necessary for the implementation of the Government Cloud Platform (GCP).
- Stakeholder Engagement and Capacity Building:
 - Facilitate consultations and interviews with stakeholders from the Authority for the Digitalization of Romania (ADR) to align cloud migration strategies with governmental objectives.
 - Increase the capacity of ADR through technical advice, ensuring effective deployment and utilization of the GCP.
- Security and Compliance:
 - Identify necessary security controls for the cloud migration process in compliance with established data classification models and methodologies.
 - Ensure that all cloud migration activities adhere to industry best practices for cybersecurity and data protection.
- Resource and Infrastructure Planning:
 - Analyze and plan for the required resources and services from the GCP necessary for hosting migrated IT&C applications/systems.
 - Propose improvements to technical specifications templates to facilitate cloud migrations.
- Project Coordination and Reporting:
 - Work closely with the World Bank team and other consultants to ensure cohesive project execution and to meet milestones set under the National Recovery and Resilience Plan (NRRP).
 - Develop and submit detailed reports on the technical analysis of IT&C systems, corrective measures implemented, and the overall progress of cloud migration projects.
- Advanced Technology Integration:
 - Leverage advanced technologies to collect real-time data from systems, identify potential issues, and improve the monitoring and adaptability of IT&C systems within the cloud environment.
 - Analyze relationships and dependencies between various components of government IT infrastructure to enhance system integration and operational efficiency.

9 FEB 2023 – 21 NOV 2023 Salamanca, Spain

TÉCNICO DE PRIMERA EURODIVISAS S.A.

Técnico de primera (Senior System Administrator) @ Global Exchange Digital Technologies (GETD), the digital technology division of the Global Exchange Group (EURODIVISAS S.A.)

Responsibilities

- Complex L3 problem solving:
 - Diagnose and resolve complex technical issues with on-premises VMware vSphere and AWS environments.
 - Work with cross-functional teams to troubleshoot and resolve production issues.
 - Develop and implement solutions to improve system performance and reliability.
- Deployment of projects:
 - Plan and execute the deployment of new infrastructure and applications in AWS.
 - Use AWS CloudFormation to provision infrastructure as code.
 - Use of Azure DevOps for IAC deployment.
 - Work with architects, developers and QA teams to ensure smooth deployments.
- System administration:
 - Administer and maintain on-premises VMware vSphere and AWS environments.
 - Administer and maintain Linux and Windows servers and applications.
 - Perform regular system maintenance and updates.
- Containerization:
 - Deploy and manage containerized applications.
 - Optimize containerized applications for performance and scalability.
- Migration:
 - Analyze existing paid solutions and plan migration to open source alternatives.
 - Execute migrations with minimal disruption to business operations.

Skills and experience

- Good experience with on-premises VMware vSphere.
- Good experience with AWS, including AWS CLI, CloudFormation, and various AWS components (Route 53, EC2, CloudWatch, S3, CloudFront, WAF, RDS, CloudFormation).
- Experience with Microsoft Azure DevOps.
- Experience with deploying and administering containerized applications.
- Experience with migrating paid solutions to open source alternatives.

Additional skills

- Good experience with Linux and Windows servers and applications.
- Good experience with scripting languages such as Bash and Python.
- Experience with cloud monitoring and logging tools.
- Strong problem-solving and analytical skills.
- Ability to work independently and as part of a team.

Website <https://www.getd.es/>

Link <https://www.global-exchange.com/en/>

24 OCT 2022 – 31 JAN 2023 Chisinau, Moldova

DEVOPS ENGINEER ARGOPS S.R.L.

DevOps Engineer @ ArgOPS S.R.L.

Responsibilities

- Worked in a cross-functional international team to deploy and manage applications on Google Cloud Platform (GCP) using Terraform, GitLab, Kubernetes, and CI/CD.
- Practiced automated pipelines for build, test, and deployment using GitLab CI/CD.
- Managed Kubernetes clusters and GCP services.
- Used Terraform for infrastructure as code (IaC).
- Collaborated with developers and operations teams to troubleshoot and resolve issues.

Key Accomplishments

- Reduced deployment time by automating the build, test, and deployment pipeline using GitLab CI/CD.
- Improved the reliability of Kubernetes clusters.
- Collaborated with developers and operations teams to resolve a major production issue that prevented users from accessing the application.

Skills

- Google Cloud Platform (GCP)
- Terraform
- GitLab
- Kubernetes
- CI/CD
- Cloud Infrastructure Management
- Automated Pipelines
- Troubleshooting and Problem Solving
- Teamwork and Collaboration

25 APR 2022 – 21 OCT 2022 Chisinau, Moldova

HEAD OF THE INFORMATION SYSTEMS DEPARTMENT PUBLIC INSTITUTION "INFORMATION TECHNOLOGY AND CYBER SECURITY SERVICE"

Head of Information Systems Department @ Information Technology and Cyber Security Service

As the Head of the Information Systems Department, I have held a dynamic role encompassing a myriad of technical responsibilities and activities. My primary focus has been on overseeing the complete lifecycle of information systems within my responsibility, ensuring their security, scalability, and efficiency. Beyond the technical aspects, I have actively engaged in correspondence with external institutions, fostering collaborative relationships and vital information exchange. I have also been instrumental in the development of internal documents, operational procedures, regulations, and policies. Additionally, I have played a role in the formulation of normative acts, contributing to the regulatory framework governing information systems. I also cooperated with other institutions supporting with guidance on various aspects of information systems, from integration, migration and optimization to system maintenance.

Responsibilities:

- Manage the Information Systems Department including staff and operations.
- Develop, coordinate, and implement policies and procedures for the efficient and secure operation of the government's IaaS platform, PKI infrastructure, ccTLD infrastructure, hosting platform, email systems, and other informational systems.
- Lead a team of 30 IT professionals in the delivery, maintenance, and support of these systems.
- Represent the institution in meetings, working groups, and migration processes related to area of responsibility and information technology.
- Analyze, optimize, and improve the performance of the institution's information systems.
- Development and implementation of procedures for adoption of ISO27001, strengthening data security and ensuring compliance within the entity.
- Participation in the analysis and improvement processes of systems, networks and other related components.

Technical Involvement:

- Provide technical guidance and support to the team as needed.
- Troubleshoot and resolve complex technical issues.
- Stay up-to-date on the latest information technology trends and best practices.

Skills and Qualifications:

- 9+ years of experience in IT, managing and leading IT teams for 5+ years.
- Strong technical knowledge of IaaS, PKI, ccTLD, hosting, email, and other information systems.
- Leadership, communication, and interpersonal skills.
- Ability to work independently and as part of a team.
- Ability to meet deadlines and work under pressure.

Website <https://stisc.gov.md/>

8 MAY 2018 – 25 APR 2022 Chisinau, Moldova

HEAD OF PUBLIC KEY CERTIFICATION CENTER (PKI) PUBLIC INSTITUTION "INFORMATION TECHNOLOGY AND CYBER SECURITY SERVICE"

Head of Public Key Certification Center (PKI) @ Public Institution "Information Technology and Cyber Security Service"

On 08.05.2018 a reorganization took place, and State Enterprise "Special Telecommunications Center" became Public Institution "Information Technology and Cyber Security Service", after which my position remained intact and key responsibilities conceptually remained the same.

Public Key Certification Center become the only provider of digital signatures in the country, managing the government's unique public key infrastructure.

Website <https://stisc.gov.md/>

1 NOV 2017 – 8 MAY 2018 Chisinau, Moldova

HEAD OF PUBLIC KEY CERTIFICATION CENTER (PKI) STATE ENTERPRISE "SPECIAL TELECOMMUNICATIONS CENTER"

Head of Public Key Certification Center (PKI) @ State Enterprise "Special Telecommunications Center"

In my role as the Head of PKI, I have assumed a diverse set of responsibilities and activities. My primary focus was management of the PKI infrastructure within the government and state, ensuring its integrity, security, and operational efficiency. Beyond technical duties, I have actively engaged in correspondence, development of internal documents, operational procedures, regulations, contributing to the regulatory framework that governs PKI operations, and policies that shape the PKI ecosystem. I have occasionally served as an advisor to other institutions, providing guidance on matters such as PKI concepts, legal issues, and integration support.

Responsibilities:

- PKI infrastructure management: Fully administering PKI infrastructure with all included components, nodes, services (Windows and Linux server, HSM, Tokens, Backup policies, security policies, HA of public services like web pages root/subroot and crt certificates, HA of internal services like LDAP MySQL databases .NET applications and more).
- Certificate authority management: Managing and maintaining ROOT and SubROOT certificate authorities.
- Policy and process management: Following and defining all internal processes and policies, updating documentation.
- Electronic signature service management: Management of processes of electronic signature service provided to clients, abilities to work with agreements, contracts.
- Technical expertise: Good understanding of RSA, x.509, PKCS, CMP, OCSP, TSP/TSA; good knowledge of High Availability and Load Balancing technologies for databases, web resources, LDAP; understanding of secure techniques and IT security principles related to network/transport layers and also application layer.
- Problem solving: Troubleshooting unique and complex problems related to complex infrastructure and PKI specifics.
- Team management: Managing and working with team to reach the set goals; managing a division of up to 15 persons.
- Project management: Developing and coordinating activity; developing of policies and documents.
- Representation: Participation in meetings, representing the interests of the institution; participation in working groups, migration processes, optimization, analysis of information systems.
- Development and implementation of procedures for adoption of ISO27001, strengthening data security and ensuring compliance within the entity.

Qualifications:

- 5+ years of experience in PKI administration and management.
- Strong technical expertise in RSA, x.509, PKCS, CMP, OCSP, TSP/TSA, High Availability and Load Balancing technologies, database technologies, web technologies, LDAP, and IT security principles.
- Excellent problem-solving and analytical skills.
- Proven ability to manage and lead a team.
- Communication and interpersonal skills.
- Ability to work independently and as part of a team.

Website <https://stisc.gov.md/>

19 APR 2016 – 31 OCT 2017 Chisinau, Moldova

SECURITY ADMINISTRATOR STATE ENTERPRISE "SPECIAL TELECOMMUNICATIONS CENTER"

Security Administrator @ State Enterprise "Special Telecommunications Center"

Responsibilities:

- Plan and deploy clustered architecture for web solutions
- Develop and implement high availability and load balancing systems based on Virtual IP addresses, keepalive, haproxy, nginx with cache / micro cache, Apache, Varnish Cache, Zend OpCache, Memcached, PHP-FPM
- Deploy and manage file system cluster with glusterfs
- Secure web servers using L7 Web Application Firewalls (ModSecurity, NAXSI) and other tools (fail2ban, iptables)
- Optimize MySQL database servers for high load
- Analyze, find, and fix problems in already running systems related to performance problems, failures, and abnormal behavior
- Optimize and fine tune already running systems to obtain best performance
- Monitor and administer Windows / Linux systems and running services / applications

Required Skills:

- Extensive knowledge of PKI infrastructure and security
- Strong understanding of web server technologies, including Apache, Nginx, and Varnish Cache
- Experience with load balancing and high availability systems
- Experience with file system clustering
- Experience with database optimization, specifically MySQL
- Experience with troubleshooting and performance tuning Linux and Windows systems
- Excellent problem-solving and analytical skills
- Ability to work independently and as part of a team

Desired Skills:

- Experience with web application firewalls (ModSecurity, NAXSI)
- Experience with fail2ban and iptables
- Experience with GlusterFS
- Experience with PHP-FPM
- Experience with Memcached
- Experience with Zend OpCache
- Experience with Varnish Cache

Website <https://stisc.gov.md/>

4 AUG 2014 – 1 APR 2016 Chisinau, Moldova

SYSTEM ADMINISTRATOR "UNIFUN INTERNATIONAL" S.R.L.

System Administrator @ Unifun International S.R.L.

Key Responsibilities

- Troubleshoot, design, and implement solutions for complex IT systems, working with mobile operators and colleagues from other countries.
- Manage, monitor, and optimize Linux servers (Debian, Ubuntu, CentOS) and applications.
- Install and configure Nagios monitoring and develop BASH scripts for monitoring and automation.
- Deploy and configure all required software for deployment, including FTP servers, web servers, databases, and VoIP infrastructure.
- Manage and administer FreePBX PBX servers and SIP phones.
- Back up servers, configurations, and databases using dedicated solutions and self-written Bash scripts.
- Manage GIT, NetBackup, and MySQL Backup.
- Optimize Nginx/Apache web servers and PHP for high load, set up Bind DNS servers, and optimize MySQL database servers.
- Work with Amazon EC2 and AWS to create, manage, and secure machines.
- Install and configure ESXi vSphere and create and manage virtual machines.
- Perform complex server configuration, including installation of new Linux or Windows OS, project launch, and server administration throughout the lifetime of the project.
- Diagnose, troubleshoot, and identify problems regarding OS, software, hardware, and network.
- Cooperate with managers, developers, and mobile operators from different countries.

Skills and Experience

- Advanced experience in working with Linux servers
- Advanced practice in monitoring using Nagios
- BASH scripting for monitoring and automation

- Experience with installing and configuring all required software for deployment
- Experience with managing FreePBX PBX servers and SIP phones
- Experience with deploying applications and configuring them
- Experience with backing up servers, configurations, and databases
- Experience with managing GIT, NetBackup, and MySQL Backup
- Advanced experience in optimizing web servers, PHP, and database servers
- Experience with setting up DNS servers and optimizing database servers
- Basic experience with Amazon EC2 and AWS
- Experience with ESXi vSphere and creating and managing virtual machines
- Experience with complex server configuration
- Excellent problem-solving and troubleshooting skills
- Strong communication and interpersonal skills
- Ability to work independently and as part of a team

Website <https://unifun.com/>

5 AUG 2013 – 31 JUL 2014 Chisinau, Moldova

SYSTEM ENGINEER "ONE TELECOM" S.R.L.

Systems Engineer @ One Telecom S.R.L.

Responsible for administering Linux and Windows servers (Ubuntu, CentOS, Windows Server), providing technical support for hosting clients, working with billing system and tickets, monitoring company servers and solving problems, installing and configuring systems and applications on company and customer servers, and administering and configuring Apache, Nginx, PHP-FPM, MySQL, DNS, OpenVPN, and Backup.

Key Skills and Experience:

- Experience with Linux and Windows server administration, including Ubuntu, CentOS, and Windows Server
- Experience with troubleshooting and resolving technical issues related to web hosting, VPS, and dedicated physical servers
- Experience with installing and configuring requested software, backing up data, and managing billing systems and tickets
- Experience with monitoring and managing company servers, including using tools such as Cacti, Zabbix, and Nagios
- Experience with installing and configuring systems and applications on company and customer servers, including Apache, Nginx, PHP-FPM, MySQL, DNS, OpenVPN, and Backup

● EDUCATION AND TRAINING

1 SEP 2011 – 30 JUN 2014 Chisinau, Moldova

BACHELOR'S DEGREE IN INFORMATICS, SPECIALISATION "INFORMATIONAL MANAGEMENT"

Moldova State University

Address str. Alexei Mateevici 60, MD-2009, Chisinau, Moldova | **Website** <https://usm.md/>

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
RUSSIAN	C2	C2	C2	C2	C2
ENGLISH	B2	B2	B2	B2	B2
SPANISH	B1	B1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DRIVING LICENCE**

Driving Licence: B

● **PROJECTS**

SEP 2021 – JAN 2022

Consulting World Health Organization in the reengineering and integration of public health systems with government information systems

IT Specialist @ WHO, Public Health Systems Reengineering and Integration

Consulted the World Health Organization (WHO) on the reengineering and integration of public health systems with government information systems. Provided expertise on a range of IT-related topics, including:

- System design and architecture
- Data integration and management
- Information security
- Workflow automation
- Change management

Worked closely with WHO staff and other stakeholders to identify and assess needs, develop and implement solutions.

Responsibilities:

- Conducted assessments of existing public health systems and government information systems
- Developed and implemented system design and architecture plans
- Integrated data from multiple sources into a single, unified system
- Implemented information security measures to protect data and systems
- Developed and implemented workflow automation solutions to improve efficiency and reduce errors
- Managed change management processes to ensure smooth transitions to new systems and processes

Accomplishments:

- Successfully reengineered and created a plan for integration of public health systems with government information systems
- Improved data quality and accessibility, leading to more informed decision-making
- Enhanced information security, protecting data from unauthorized access and use
- Automated workflows, saving time and reducing errors
- Successfully managed change management processes, minimizing disruption to users

Skills and Expertise:

- Strong understanding of public health systems and government information systems
- Experience with system design and architecture
- Expertise in data integration and management
- Knowledge of information security best practices
- Strong change management skills
- Communication skills

JAN 2016 – JAN 2017

Interconnection with a global SMS hub Syniverse

Technical Specialist - interconnection with a global sms hub syniverse

As an Independent Technical Specialist

- Led all technical and organizational aspects of a project to interconnect a national mobile operator with Syniverse, one of the largest global SMS hubs.
- Managed all organizational and technical details directly with international team.
- Chose and installed physical servers in a data center, configuring all necessary settings such as RAID, iLO, and networking.
- Set up a virtualization system (ESXi) and installed operating systems on virtual servers.
- Installed and configured all necessary software on virtual servers, including security measures.
- Set up multiple VPN connections with Syniverse's representation in the USA (IPSEC).

- Set up the SMS-Gateway and connected it to SMPP links offered by Syniverse.
- Conducted testing of the interconnection.

Key Skills and Accomplishments

- Strong technical skills in areas such as server administration, networking, virtualization, and security.
- Good organizational and communication skills, including the ability to manage complex projects and collaborate effectively with cross-functional teams.
- Proven ability to work independently and meet deadlines under pressure.