Victor Niculin (+37369473408 , niculinvictor@gmail.com)

Career Summary

Experienced, results-driven senior DevOps engineer with several years of experience in design, implementation and maintenance of robust cloud-based solutions. Proficient in Microsoft Azure, AWS, Terraform, with solid background in CI/CD, infrastructure cost optimization, and software development processes enhancement. Adept of agile frameworks, engaged with cross-functional teams to drive continuous improvement and focus on value delivery.

Summary of Qualifications

Experienced In:
- Terraform
- Jenkins
- SQL
- Gitlab
- Docker
- RabbitMQ

- Bash
- Powershell
- Linux System Administration
- GCP
- ProxMox

- Internet Protocol Suite (TCP/IP)
- Azure DevOps
- Amazon Web Services (AWS)

Languages
- Russian (Advanced)
- English (Advanced)

- Deutsch (begginer)

- Romanian (native speaker)

Certifications:
- Microsoft Azure Certified
- GCP certified

Career History

Amdaris, Chisinau, Moldova   **February 2022 – Present**

Project 1: PVA   **Sep 2023 – Present**
Role: Principal DevOps Engineer
Tech stack: AWS, S3, EC2, ELB, RDS, JENKINS, AWS CodePipeline, Terraform, EKS, VPC, WAF

Role mission & duties:
- IAC covering
- Transcribing infrastructure into Teraform
- Containarize application - transform monolith into microservices (docker, ECS,EKS, AWS Elastic Beanstalk)
- CI/CD pipelines (AWS codepipeline, Jenkins)
- Cost optimisation (decreased from $57k to $40K)
- Alerting/log mechanism integration (AWS cloudwatch, SNS Alarms, Opsgenie Jira)
- Securing infrastructure (VPN site to site, Network ACLs, route tables, security groups, role-based access control)
- Performance Efficiency (detecting and removal of performance issues)

Project 2: Business Client Portal   **Aug 2022 – Sep 2023**
Role: Senior DevOps Engineer
Tech stack: App Service, Azure Cosmos DB for Mongo DB account, Key vault, Application Insights, Log analytics workspace, Storage account, Container Registry.

Role mission & duties:
- Design an access solution (Azure AD Privileged Identity Management (PIM), Azure AD Conditional Access, MFA, Azure AD B2B, etc.)

- Implement Service Principals and Managed Identity
- Evaluate and configure vault solution (Azure Key Vault)
- Manage security certificates
- Identify and recommend metrics on which to base alerts
- Implement alerts based on appropriate log messages

Project 3: Desk booking app for internal use by remote workers   Feb 2022 − Aug 2022
Role: Senior DevOps engineer
Tech stack: Blob Storage, Azure Function, Logic App, App Service, Application Insights, Container Registry.

Role mission & duties:
- Design, build and maintain the infrastructure
- Debug production issues across services
- Plan for the growth of project infrastructure
- Implement CI/CD process
- Monitor and troubleshoot issues across the entire stack - software, application, and network.
- Implemented security best practices by configuring role-based access controls (RBAC), network security groups (NSGs), and implementing SSL certificates for applications.

Project 4: RELX market (infrastructure upgrade)   Oct 2022 − July 2023
Role: Senior DevOps engineer
Tech stack: Terraform, AWS, Azure, Gitlab

Role mission & duties: Migrating and upgrading IAC code
- Upgrade of the old code from 0.8 terraform version to LTS including two major releases (0.12, 0.13 version) + migration from Azure to AWS
- Support critical systems with outdated code
- Plan for the growth of infrastructure
- Division of terraform projects into modules
- Document system design and application operation procedures
- Refactoring logic and syntax appropriate to new Hashi Corp standards

Project 5: Picasso AI   April 2022 − Sep 2022
(tool that match draft picture with existing images in internet)
Role: Senior DevOps engineer
Tech stack: Azure Machine Learning workspace, Storage account, Container registry, Kubernetes service, Static Web App, Key vault, Application insights.

Role mission & duties: Mentoring 2 junior python developers to set up CI/CD.
- Investigate specifics of Microsoft ML service
- Implement monitoring, alerting, and reporting of cloud infrastructure availability, and performance.
- Identify applications reliability and availability improvements

Project 6: Internal Data Lake (data collection from third party tools)   Mar 2022 - Dec 2022
Role: Senior DevOps engineer
Tech stack: Azure Data Lake

Role mission & duties:
- Configuring CI/CD processes
- Ensure integration and collecting data
- Monitoring and Logging: Azure Monitor, Log Analytics, Application Insights
- Implemented security best practices by configuring role-based access controls (RBAC), network security groups (NSGs), and implementing SSL certificates for applications.

INDRIVO, Chisinau, Moldova   **May 2020 − Feb 2022**
DevOps engineer (part-time)

Project: Cross project infrastructure
Tech stack: Linux, Prox Mox, PostgreSQL, MySQL, Proxy server, Web server, Docker, Docker-Compose, Zabbix, Microtik, Ubiquity AP, Windows DN, AD, 1C, Filesharing Server, Microst365, Hetzner, Jenkins, Rancher Kubernetes, Git

Role mission& duties:
Maintain local and cloud infrastructure

STEFANINI,   **Mar 2019 − May 2021**
DevOps Engineer

Project: Massive enterprise app
that allow hundreds of companies to interconnect and perform jobs within high security environment and 24/7 activity.
Tech stack: RedHat Linux Clusters, Citrix, PostgreSQL, MuleSoft ESB, Salesforce Cloud, Runtime Fabric, Postman, Splunk, RabbitMQ, Cloud Mongo DB Clusters

Role mission & duties:
- Involved and participated in daily scrums and monthly sprint planning
- Configure alerts based on queries
- Monitoring systems via several tools
- Troubleshooting and treating client requests
- Automate repetitive operations and minimize the downtime period
- Wrote base knowledge (KB) for each problem

AGILE PARTNERS, Chisinau, Moldova   **Mar 2018 − Feb 2019**
System Engineer

Project: PCI DSS implementation
Tech stack: Cisco ASA, Cisco Catalyst, Ubiquiti Unify AP, AWS, Ubuntu, Git, Microsoft 365.

Role mission & duties:
- Implement PCI DSS project
- Propose new network infrastructure according to PCI DSS
- Deploy network for each department and section
- Configure Cisco ASA -5508
- Configure Catalyst 2960 Series Switch
- Install and configure web cameras, VPNs
- Manages DNS, Office 365 and AWS EC2 instances

MOBIASBANCA (Group Societe Generale), Chisinau, Moldova   **Apr 2014 − Dec 2018**
System Engineer

Tech stack: ATM, POS, Windows7, Domain Controller, AD

Role mission and duties: Systems Engineer
- Involved and participated in meetings regarding our strategy regarding equipment park
- Development of equipment infrastructure in the direction of cards
- Monitoring and management park of equipment (ATMs-140 and POS Terminals-300)
- Been responsible for security and access for each machine

MOLDTELECOM   **Jan 2015 – May 2015**
Role: Service Technician
- Connecting new clients to the internet (FTTH/FTTB).
- Solve problems using TCP/IP protocols

Education
Transport College of Moldova, Chisinau, Moldova   **Sep. 2012 – Jun 2014**
Auto Computer Diagnostic Technician