

# Maxim

## Architect/Team-lead DevOps Engineer

### SUMMARY

Senior DevOps / SRE Engineer with 6+ years of hands-on AWS and GCP (including GKE and EKS):

- Strong production operations background with backend stacks (PHP, Node.js, Java, .NET), messaging queues (ArtemisMQ), relational/NoSQL databases (PostgreSQL, MySQL, MongoDB, Redis), and full SRE practices.
- Previously led a 7-engineer DevOps team, mentored engineers, and drove infrastructure modernization with a focus on reliability, velocity, and operational excellence.
- Specialized in Kubernetes container orchestration, Terraform Infrastructure as Code, advanced CI/CD pipelines (GitLab CI, Jenkins, Bamboo, Bitbucket CI, Azure DevOps), and comprehensive observability stacks (Prometheus, Grafana, Loki, ELK, Zabbix, New Relic, CloudWatch) to enable proactive monitoring, alerting, and incident resolution.

Delivered measurable impact:

- Successful legacy-to-Kubernetes migrations, high-availability architectures with load balancing (HAProxy, Nginx),
- cost/performance optimizations, 60% reduction in deployment times
- Hybrid/multi-cloud integrations (AWS + GCP + VMware/Hyper-V) across fintech, banking, e-commerce, and high-traffic environments.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Bash (6 yr.), Python (1 yr.), Apache HTTP Server (5 yr.), Nginx (6 yr.), Apache Tomcat (3 yr.)
<b>Programming Languages</b>	Groovy (1 yr.), Java (3 yr.), PHP (1 yr.), Python (1 yr.)
<b>.NET Platform</b>	.NET (1 yr.)
<b>Java Libraries and Tools</b>	RxJava2 (1 yr.)
<b>Data Analysis and Visualization Technologies</b>	Cloudera, MapReduce, Sqoop
<b>Databases &amp; Management Systems / ORM</b>	Apache Hadoop, ELK stack (Elasticsearch, Logstash, Kibana) (1 yr.), HDFS, MongoDB (3 yr.), Oracle Database, Redis (3 yr.)
<b>Azure Cloud Services</b>	Azure DevOps (2 yr.), Hyper-V (1 yr.)
<b>Web/App Servers, Middleware</b>	Apache HTTP Server (5 yr.), Apache Tomcat (3 yr.), Nginx (6 yr.)
	Apache Maven (1 yr.)

<b>QA, Test Automation, Security</b>	
<b>Deployment, CI/CD &amp; Administration</b>	Bamboo (1 yr.), loki (3 yr.), New Relic (1 yr.), TeamCity (1 yr.)
<b>Scripting and Command Line Interfaces</b>	Bash (6 yr.), PowerShell (1 yr.)
<b>Version Control</b>	BitBucket (3 yr.)
<b>Operating Systems</b>	Centos (6 yr.), Linux (2 yr.), RedHat (6 yr.), Ubuntu (6 yr.)
<b>Virtualization, Containers and Orchestration</b>	Docker Compose (2 yr.), Packer, Proxmox (1 yr.), Vagrant (1 yr.), VmWare (1 yr.)
<b>Mail / Network Protocols / Data transfer</b>	HAProxy (1 yr.)
<b>Other Technical Skills</b>	ArtemisMQ, Vultr (1 yr.)

## WORK EXPERIENCE

### DevOps engineer - Penki Continental Lithuanian Bank (Penki Continental Lithuanian Bank, Software for ATMs)

**Duration:** 04-2024 - till now

**Summary:**

- Developed and maintained a hybrid cloud infrastructure supporting critical banking services
- Focused on ensuring system reliability, scalability, and security across multiple environments
- Penki Continental is a Lithuanian IT company providing software solutions for banking and financial sectors

**Responsibilities:**

- Designed and deployed scalable Kubernetes clusters on GKE, ensuring high availability and optimized resource utilization for .NET microservices.
- Automated CI/CD pipelines with GitLab CI and Bamboo, reducing deployment time by 60% and improving release reliability.
- Migrated legacy applications to containerized environments on Kubernetes, modernizing .NET workloads and improving maintainability.
- Implemented hybrid infrastructure solutions by integrating VMware and Hyper-V environments with GCP, optimizing cost and performance.
- Established monitoring and alerting for Kubernetes workloads, enabling proactive issue resolution and reducing downtime.
- Developed Infrastructure as Code templates for consistent provisioning of cloud and on-premises resources across GCP and virtualization platforms.

**Technologies:** GCP, GKE, Kubernetes, VMware, Hyper-V, .NET, Java 21, GitLab CI, Bamboo, Prometheus, Grafana, Zabbix, Docker, PowerShell, Bash



## DevOps engineer (Startup company in the private business jets domain)

**Duration:** 04-2023 - 05-2024

### Summary:

- Designed and maintained a highly available, scalable, and secure cloud infrastructure across AWS and Vultr
- Focused on automation, performance optimization, and seamless integration of monitoring and CI/CD processes for a startup in the private business jets domain

### Responsibilities:

- Managed AWS and Vultr infrastructures, ensuring high availability and scalability.
- Orchestrated Terraform modules for infrastructure provisioning, enhancing automation and efficiency.
- Configured robust monitoring systems, facilitating early issue detection and proactive response.
- Optimized CI/CD pipelines in Jenkins, streamlining software delivery processes.
- Designed fault-tolerant systems, implementing failover strategies for uninterrupted application availability.
- Collaborated with international development and QA teams, contributing to architecture discussions and ensuring smooth deployments.
- Maintained and fine-tuned CentOS, Rocky, and Red Hat servers, ensuring optimal performance and security.
- Developed automation scripts in Bash, improving operational workflows.
- Implemented and managed SaltStack for efficient server management.
- Oversaw maintenance and performance of database servers.
- Utilized Docker for containerization, enhancing application deployment and management.

**Technologies:** AWS, Vultr, Jenkins, SaltStack, Apache, Nginx, HAProxy, Linux, Bash, Prometheus, Grafana, ELK, Java, Tomcat, Maven, Groovy, Docker, Docker-Compose, Git, Postgres, MongoDB, Redis

## Team lead of 7 DevOps engineers (AWS Cloud Infrastructure Design and Automation)

**Duration:** 05-2022 - 04-2023

### Summary:

- Led a DevOps team responsible for designing, automating, and maintaining cloud infrastructure on AWS
- Focused on improving scalability, observability, and team performance through modern DevOps practices and infrastructure automation

### Responsibilities:

- Coordinated the work of a 7-member DevOps team, managing priorities and task distribution.
- Conducted technical interviews and onboarding for new engineers.
- Developed personal growth plans and provided mentorship to team members.
- Designed and deployed AWS infrastructure using Terraform and EKS.
- Created infrastructure diagrams and maintained up-to-date architecture documentation.
- Built CI/CD pipelines in Bitbucket CI, ensuring automated, reliable deployments.
- Set up monitoring and logging with Prometheus, Grafana, and Loki for proactive issue detection.



- Implemented notification and alerting systems integrated with CloudWatch and SNS.
- Collaborated closely with Development and QA teams to ensure smooth release cycles.
- Delivered presentations and knowledge-sharing sessions as a meetup speaker.

**Technologies:** AWS (EKS, DocumentDB, ElastiCache, SNS, CloudWatch, ALB, Route 53, ACM), Terraform, Bitbucket CI, Prometheus, Grafana, Loki

## **DevOps Engineer (Cloud Infrastructure Modernization for International Electrical Engineering Company)**

**Duration:** 01-2021 - 05-2022

### **Summary:**

- Modernized cloud infrastructure for an international electrical engineering company
- Focused on automation, migration to AWS, and optimizing CI/CD workflows to enhance system reliability and operational efficiency

### **Responsibilities:**

- Created and enhanced Terraform components for scalable infrastructure deployment.
- Provisioned and configured servers using Ansible playbooks, improving deployment consistency.
- Troubleshoot and maintained existing cloud and on-premise infrastructure, ensuring high availability.
- Supported and extended CI/CD pipelines in Azure DevOps to streamline software delivery.
- Collaborated with Development and QA teams to ensure reliable integration and smooth releases.
- Led migration of applications from on-premise environments to AWS, improving scalability and resilience.
- Implemented monitoring and alerting solutions with Prometheus and Grafana for proactive issue detection.

**Technologies:** AWS, Terraform, Ansible, Bash, Linux, MySQL, PostgreSQL, MongoDB, Java, Azure DevOps, Prometheus, Grafana

## **DevOps Engineer (E-commerce Infrastructure Modernization and Automation)**

**Duration:** 09-2020 - 12-2020

### **Summary:**

- Contributed to the modernization and automation of e-commerce infrastructure for a software company providing Magento- and WordPress-based solutions
- Focused on improving deployment workflows, monitoring, and migration to cloud infrastructure

### **Responsibilities:**

- Supported, upgraded, and deployed web applications based on Magento and other platforms.
- Designed and implemented CI/CD pipelines in Jenkins to automate build and deployment processes.
- Migrated infrastructure from on-premise machines to AWS, enhancing scalability and reliability.
- Managed and optimized virtualized environments using Proxmox.



- Configured and maintained monitoring systems with Zabbix and New Relic for real-time performance tracking.
- Conducted log analysis and troubleshooting to ensure high application availability and fast issue resolution.
- Implemented load balancing with HAProxy to improve system performance and fault tolerance.

**Technologies:** Jenkins, PHP, Proxmox, Zabbix, New Relic, AWS, Ansible, HAProxy, Magento

## **DevOps Engineer (Cloud and On-premise Infrastructure Automation for Software Outsourcing Company)**

**Duration:** 10-2019 - 09-2020

### **Summary:**

- Worked on cloud and on-premise infrastructure automation for an international software outsourcing company
- Focused on improving operational efficiency, system reliability, and monitoring practices across multiple environments

### **Responsibilities:**

- Automated routine infrastructure processes to improve operational efficiency.
- Maintained and administered Linux-based servers, ensuring system stability and performance.
- Deployed and upgraded applications, performing log analysis and troubleshooting issues.
- Configured and maintained Zabbix monitoring for proactive system alerting.
- Collaborated with development teams to support continuous integration and deployment pipelines using Jenkins and TeamCity.
- Managed virtualized environments with Vagrant to standardize development and testing setups.

**Technologies:** AWS, PHP, Java, Jenkins, Bash, Linux, TeamCity, Vagrant, Zabbix

## **DevOps / Big Data Engineer (Cloud-based Data Processing and ETL Infrastructure for Big Data Integrator)**

**Duration:** 01-2019 - 06-2019

### **Summary:**

- Worked on cloud-based data processing and ETL infrastructure for a big data integrator company
- Focused on automating, maintaining, and optimizing production systems to ensure high availability, performance, and scalability

### **Responsibilities:**

- Deployed, automated, and managed cloud-based production systems to ensure reliability and security.
- Conducted system troubleshooting and problem-solving across platform and application domains.
- Created a data lake by extracting customer data from various sources (Teradata, CSV) into HDFS.
- Used Apache Hive to run MapReduce jobs on HDFS datasets for efficient data processing.
- Employed Apache Sqoop to transfer data to cloud storage environments.



- Developed automation scripts in Bash to streamline ETL and data management processes.

**Technologies:** Hadoop, HDFS, MapReduce, Bash, Hive, Spark, Cloudera, Java, Sqoop, Oracle DB

## EDUCATION

- GSTU

