



# Nikola Jovanović

## DevOps Engineer

### CONTACT

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Novi Sad, Serbia

### TECHNICAL SKILLS

#### CLOUD & INFRA

AWS (EC2, S3, RDS, Aurora, ECR, EFS, EKS, IAM, CloudWatch, Route53)

#### CONTAINERS & ORCHESTRATION

Docker, Docker Compose, Docker Swarm, Kubernetes, K3s, Proxmox

#### CI/CD & AUTOMATION

GitHub Actions, Jenkins, Bitbucket Pipelines, GitLab CI, Ansible

#### OBSERVABILITY

Grafana, Prometheus, Loki, Promtail

#### MESSAGING & IOT

MQTT, AMQP, WebSockets, RabbitMQ, Mosquitto

#### DATABASES

MySQL, Cassandra

#### SYSTEMS & NETWORKING

Linux (Debian, Ubuntu, CentOS), TCP/IP, DNS, VPN, Nginx

#### BUILD & VERSIONING

Java/Gradle, Dockerizing apps, Git

#### VIRTUALIZATION

Proxmox, VirtualBox, Qemu

## WORK EXPERIENCE

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### DevOps Engineer — WolkAbout

Feb 2023 – Present

- Installed, deployed, and maintained IoT platform architecture with MQTT, AMQP, WebSockets, RabbitMQ, Redis, MySQL, Cassandra, and Tomcat backend services.
- Set up platforms for both on-premises development environments and production client deployments.
- Managed services via systemd, Docker Compose, Docker Swarm, self-hosted K3s, and AWS EKS clusters.
- Automated deployment pipelines using GitHub Actions, Jenkins, and Bitbucket Pipelines to improve release cadence.
- Managed AWS infrastructure (EC2, S3, RDS, Aurora, Route53, Cost Management, ECR, EFS, EKS, SES, IAM, CloudWatch).
- Implemented Grafana with Promtail and Loki for centralized logging and monitoring.
- Built and containerized Java/Gradle applications using Docker.
- Operated a multi-node bare-metal Proxmox cluster supporting company-wide infrastructure.

### DevOps Engineer / System Administrator — Zesium

Apr 2022 – Feb 2023

- Deployed and maintained Dockerized applications across multiple Linux servers.
- Automated development workflows using Jenkins and integrated GitLab pipelines for continuous deployment.
- Introduced Docker Swarm and Kubernetes for container orchestration.
- Optimized Nginx configurations and resolved network issues for efficient request handling.
- Collaborated with development teams to streamline deployments and meet security standards.

### Linux System Administrator — Netex Consulting

Sep 2020 – Apr 2022

- Managed Linux infrastructure, including installation and configuration of servers for B2B clients.
- Configured and maintained SIP/VOIP systems for 500+ employees.
- Virtualized environments using Oracle VirtualBox, reducing infrastructure costs.
- Set up VPN and firewall systems to enable secure remote work.
- Created technical documentation and internal training materials.

## EDUCATION

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### Secondary School of Traffic

2007

Srednja saobraćajna škola, Zemun — Field of Study: Traffic Technician