



# Nikola Jovanović

## DevOps Engineer

### CONTACT

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### 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

- 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

- Secondary School of Traffic** 2007
- Srednja saobraćajna škola, Zemun — Field of Study: Traffic Technician