Maksim Kirillov, DevOps/SRE

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SUMMARY

DevOps Engineer passionate about K8s, automation, AI and cloud technologies

EXPERIENCE

DevOps Engineer *Jun 2025 - May 2026*

T1 - One of the largest IT Consulting/Software Development company in Russia

• deployed and upgraded several k8s clusters, including associated operators (GPU Operator, Trident, etc.), set up MIG profiles for testing and development purposes;

• adopted AI-driven tools with critical review approach, resulting in 5x faster delivery of DevOps tasks;

• deployed multiple OpenSearch clusters as index databases for RAG-system development;

• deployed and used AI agents to write technical documentation (Administrator guide, User guide) for support and customers;

• maintained multiple development, testing and production environments for AI agents, AI models and RAG-systems;

• created and maintained more than 20 Jenkins pipelines for faster application deployment, AES encryption and database migration.

DevOps Engineer *Jan 2025 - Jun 2025*

Cinimex Consulting - IT Consulting

• developed 6 reusable Terraform modules to provision multiple environments in AWS;

• presented and implemented alternative solution for internally used technical product (remote artifact storage);

• authored technical documentation for the customers;

• used Docker image optimization practices (multi-stage, build cache, etc.) to speed up build process by ~2 times and image size by ~3 times;

• designed system and network architecture with the team;

• developed templated CI/CD pipelines for easier implementation across multiple projects;

• performed major PostgreSQL cluster upgrade in the production environment.

DevOps Engineer *Jan 2024 - Jan 2025*

STM Labs - B2B

Full-time

• automated the deployment of more than 15 microservices to speed up development process by ~10x;

• proposed and implemented application deployment across 2 k8s clusters using ArgoCD, configured ApplicationSets and Sync Waves;

• implemented IaC practices/tools (Ansible and Terraform) across 4 projects for faster creation and configuration of Unix systems (CentOS, Ubuntu, Debian);

• integrated 2 production environments into the ELK stack for increased observability;

• installed and tuned PostgreSQL, reducing execution time of heavy queries by ~3 times;

• participated in the optimization and development of k8s microservices (liveness/readiness probes, RBAC policies, resource quotas);

• configured Nginx and used it as a reverse proxy within the DMZ network segment.

System Administrator *Aug 2022 - Aug 2023*

Kvantorium - Additional education

• designed and maintained a small local area network (~40 hosts);

• administered software and operating systems (Windows Server, Linux);

• managed certificates for electronic signature certificates;

• performed modular repair of computer hardware;

• ordered software and hardware for office needs;

• supported in the Help Desk system, ticket prioritization.

SKILLS

docker • kubernetes • ci cd • saas • git • postgresql • linux • cloud • fintech • aws • microservices • node • kafka • automation • terraform • confluence • redis • distributed systems • grafana • networking • rabbitmq • jenkins • mentoring • gitlab • kanban • prometheus • ansible • clickhouse • spark • airflow • spring boot • elasticsearch • rag • scalability • big data • data pipelines • bash • nginx • system administration • helm • elk • gitlab ci • claude code • ai agents • ai

LANGUAGES

English - C1

Russian - Native

EDUCATION

Bachelor in Software Engineering *2022 - 2026*

Nizhny Novgorod State University of Architecture and Civil Engineering

Specialized Secondary Education in Software Engineering *2019 - 2022*

Nizhny Novgorod Radiotechnical College