

KULAKOV NIKITA VASILYEVICH



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ABOUT

Specialist with deep knowledge of GNU/Linux and practical experience in infrastructure automation. Prefers a thorough understanding of technological principles for precise configuration and effective application. Focused on advancing in DevOps through the design and maintenance of resilient and efficient infrastructure.

EDUCATION

ITMO Saint Petersburg, 2026
Master's Degree in System and Application Software 5.00/5.00

ITMO Saint Petersburg, 2024
Bachelor's Degree in Computer Science and Engineering - Distributed systems and computing 4.92/5.00

SKILLS

Stack: Linux, Ansible, Terraform, Docker Swarm, Kubernetes, Prometheus, Grafana, ELK, GitHub/GitLab CI/CD, Jenkins, Kafka, RabbitMQ, PostgreSQL, MongoDB, Redis, Nginx, Wireguard, KVM, Make, CMake

Languages: C/C++, Java (Spring Cloud, Micronaut), Python, JS/TS, Golang, Bash, SQL, Rust, Protobuf

Foreign languages: Russian - Native, English - B2

EXPERIENCE

ITMO Events | *Frontend Team Lead/Developer, DevOps* | practice February 2024 - June 2024
Event and Venue Management System.

- Standardized the API synchronization process and developed an adapter for application interaction, reducing risks related to backward compatibility.
- Configured static code analyzers and merge checks using GitHub Actions for pull requests.
- Deployed a system for client demonstrations while resolving multiple conflicts.

Bluster Wind | *DevOps, Backend Developer* | startup, team of 12 members September 2023 - February 2024
A social network for conducting surveys, creating user profiles based on their votes, and visualizing results on charts according to specified parameters.

- Configured the development server, TLS, Nginx, Liquibase, Keycloak, Container Registry, and self-hosted DinD runners.
- Implemented pipelines for testing, container storage, and server application deployment.
- Developed a user and subscription management module for a monolithic Java Spring application.

PROJECTS

Natrix Language | *C, Make, Antlr3, Python, Docker* October 2024 - April 2025
A compiled, dynamic, strongly typed general purpose language.

- Improved code execution speed by 3 times through use of profiling tools.
- Developed a language debugger leveraging deep understanding of Linux process architecture.

Road Condition Monitoring | *Flutter, Python, Golang, MQTT, Kafka, ClickHouse* February 2024 - June 2024
Road surface condition monitoring system using drivers' mobile devices.

- Enabled horizontal scaling through well-designed architecture and technology choices.
- Increased system throughput by optimizing bottlenecks identified during load testing.
- Improved prediction accuracy through the development of services for testing and collecting raw sensor data.