

KULAKOV NIKITA VASILYEVICH



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ABOUT

Specialist with in-depth knowledge of Linux systems. Interested in configuration and process automation. I enjoy examining various technologies in detail to understand their internal mechanisms. I aim to advance in the field of DevOps by applying my expertise to build efficient and reliable infrastructures.

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 4.92/5.00

SKILLS

Technologies: Ansible, Docker, GitHub/GitLab Actions, Grafana, Jenkins, Kafka, KVM, Linux, MongoDB, Nginx, PostgreSQL, RabbitMQ, Redis, Prometheus, Terraform

Technical skills: Networking troubleshooting & diagnostics, System performance tuning

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

Foreign languages: Russian - Native, English - B2

EXPERIENCE

ITMO Events | *Team Lead, Frontend Developer, DevOps* | practice February 2024 - May 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 October 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, accelerating development by 30 percent.
- Developed a user and subscription management module for a monolithic Java Spring application.

PROJECTS

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.

IoT World Simulation | *C++, CMake, Conan, Python, gRPC, GTest, Protobuf, Docker* May 2023 - June 2023
A system for modeling real-world processes for devices that collect environmental conditions and affect the system itself. Interaction with devices acting as agents takes place through gRPC.