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

Foreign languages: Russian - Native, English - B2

Experience

Bluster Wind September 2023 - February 2024

Development of a social network for conducting surveys and visualizing results.

- Containerized backend and auxiliary applications using Docker, set up image storage in a private Docker Registry.
- Implemented pipelines in GitHub Actions with self-hosted runners for testing, building, releasing, and deployment.
- Configured a TLS reverse proxy based on Nginx for secure service access.
- Automated infrastructure deployment using Ansible and Terraform.

Projects

HeatBill March 2025 - May 2025

A high-load IoT system for phased heat consumption metering in apartment buildings.

- Developed Ansible roles and playbooks for scalable Docker Swarm application deployment.
- Implemented centralized log collection to ELK via Filebeat, metrics to Prometheus, dashboards in Grafana.
- Configured MongoDB sharding and replication, Prometheus discovery, and Nginx load balancing via Consul.

ME Storage February 2025 - April 2025

A virtual item storage system.

- Developed modular Terraform configuration for KVM-based virtual machine provisioning.
- Configured Jenkins pipeline for build, SonarQube code quality analysis, and Ansible deployment.
- Created Ansible roles and playbooks for Ubuntu server configuration, multi-node kubeadm cluster deployment, RBAC setup, and application deployment.
- Implemented automated deployment of SonarQube, Prometheus, Grafana outside the cluster and created RBAC policy allowing Prometheus to collect service metrics via Kubernetes API.

Road Condition Monitoring February 2024 - June 2024

A road surface condition monitoring system using drivers' mobile devices.

- Configured CI/CD pipelines in GitHub Actions for APK builds and Go/Python server container deployment.
- Implemented Kafka-centric architecture with MQTT Kafka Connector for horizontal scaling.
- Increased system throughput through batch inserts to ClickHouse.