

Yaroslav Davkov

DevOps/SRE engineer

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SUMMARY

Aspiring DevOps/SRE engineer with strong practical experience gained through academic, personal, and team projects, including those completed at Yandex School. Skilled at setting up automated infrastructure, monitoring stacks (Prometheus, Grafana, Loki), and CI/CD pipelines using tools like Jenkins, ArgoCD, and GitLab CI. Hands-on with containerization (Docker, Kubernetes), Infrastructure as Code (Terraform, Ansible), and GitOps workflows.

Comfortable scripting in Python and Bash to automate routine tasks. Focused on building reliable, scalable environments and learning best practices in cloud and infrastructure engineering.

Currently seeking first commercial DevOps/SRE position to grow technical expertise and contribute to collaborative projects.

SKILLS

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|--|---|
| • Continuous Integration/Continuous Delivery | • Infrastructure as Code tools like Terraform and Ansible |
| • Monitoring and logs (ELK, LGTM stack) | • Container & Orchestration (Docker, K8s, K3s) |
| • Scripting & automating (Bash, Python) | • Version control systems |
| • Cloud Storage (S3, Minio) | • Credentials & secrets management |

PROJECTS

Home k3s cluster

- Designed and deployed a local Kubernetes (k3s) cluster for hands-on experimentation and learning.
- Integrated full monitoring stack (Prometheus, Grafana, Loki, Tempo) and configured CI/CD pipelines with Jenkins and ArgoCD for GitOps workflows.
- Automated infrastructure provisioning using Terraform and Ansible.
- Orchestrated two Ubuntu multipass VMs as cluster nodes for scalable lab environment.

Car School Backend

- Developed backend for an educational platform targeting small-to-medium car school businesses, as a university team project.
- Implemented user authentication and single sign-on (SSO) via Keycloak; PostgreSQL used for data persistence.
- Wrote backend logic with Java and Spring Boot; delivered RESTful API for front-end integration.

Bank REST

- Built a test backend service using Java Spring to handle basic banking operations.
- Developed REST endpoints and implemented error handling for simulated API requests.

FreeBoard

- Created an online collaborative board inspired by Miro, using microservices architecture (Java Spring backend, Angular frontend).
- Designed and implemented four independent microservices; enabled user authorization and integration through Keycloak.
- Automated deployment and managed project versions via Git.
- Improved project reliability by planning database migrations and basic test coverage.

MagicsBot

- Developed a multifunctional and highly configurable bot based on the MVVM architectural pattern.
- Applied SOLID principles and clear separation of abstraction layers to improve code maintainability and scalability.
- Implemented key design patterns such as Observer and Strategy for modularity and dynamic behavior.
- Designed the system to be flexible in configuration, allowing easy customization and extension.
- Ensured clean and organized code architecture, suitable for complex automation tasks.

EDUCATION

Kuban State Technical University

Bachelor's degree, software engineering

09/2023 – 06/2027

Krasnodar

COURSES

Yandex

backend school

06/2025 – 08/2025

Remotely