

Kalislav Smirnov, DevOps Engineer

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SUMMARY

DevSecOps Engineer with 4.5 years of experience specializing in building and securing development platforms for high-compliance sectors like banking and government. Proven expertise in designing and deploying complex systems in fully air-gapped environments. Led 5 end-to-end platform implementations and automated infrastructure deployment at a major bank, reducing setup time from 10 hours to 20 minutes. Skilled in Kubernetes, GitLab CI, Ansible, Terraform, and integrating SAST/DAST/SCA security tooling.

Ready for Relocation :)

EXPERIENCE

DevSecOps Engineer

Feb 2025 - Aug 2026

Swordfish Security

Full-time

Deploying and maintaining DevSecOps platforms for enterprise clients in banking, fintech, and government sectors, including fully air-gapped environments.

- Led 5 end-to-end DevSecOps platform implementations for banking and government clients, from architecture design to final handover.
 - Engineered and deployed a secure, GPG-signed package delivery service using Python and Kubernetes for a major bank's air-gapped Nexus repository.
 - Automated the integration of SAST, DAST, and SCA tools (Semgrep, Trivy) into GitLab CI, enabling security scans on 100% of new code commits.
 - Developed a suite of 15+ reusable Ansible roles to standardize deployments across client environments, reducing setup time for new projects by an estimated 30%.
 - Designed and managed multi-datacenter Kubernetes platforms (100+ VMs) with disaster recovery protocols for high-availability financial systems.
 - Prepared and conducted product demonstrations and acceptance testing (Nexus, GitLab, DevSecOps products).
 - Maintained internal infrastructure: GitLab, proprietary products, RnD and PROD environments
- Stack: Docker, Kubernetes, Helm, Ansible, GitLab CI, Nexus, Python, Bash, Linux, SAST/DAST/SCA scanners

DevOps Engineer

Oct 2024 - Feb 2025

Sinara Investment Bank

- Automated the entire infrastructure deployment process for edge devices (mini-PCs), slashing setup time from 10 hours to 20 minutes using Ansible and custom scripts.
- Architected and executed the initial migration of a core monolithic application to 10 containerized microservices on Kubernetes.
- Built a complete observability stack from scratch using Prometheus, Grafana, and ELK, providing real-time monitoring and alerting for the new microservices architecture.
- Developed and managed Helm charts for all 10 services, enabling one-command deployments and rollbacks.

Stack: Docker, Kubernetes, Helm, GitLab CI, Python, ELK Stack, Airflow, ClickHouse, PostgreSQL, RabbitMQ, Grafana, Prometheus

Engineering & Manufacturing Company

- Overhauled the CI/CD process by implementing automated testing and deployment pipelines in GitLab CI, cutting the release cycle for 20+ microservices from 2 weeks to 3 days.
- Automated manual deployment checklists with Ansible and Bash scripts, reducing hands-on deployment time from over 4 hours to under 30 minutes per release.
- Led the containerization of 20+ legacy Java microservices using Docker, standardizing environments and eliminating configuration drift between staging and production.
- Managed and maintained the company's production infrastructure, consisting of 50+ Linux servers across two data centers.

Stack: Docker, Terraform, GitLab CI, Git, Python, Linux

SKILLS

grafana • postgresql • jenkins • kubernetes • terraform • ansible • gitlab ci • docker • helm • nexus • python • bash • prometheus • elk • sast • dast • sca • semgrep • trivy • appscreeener • appsec.hub • appsec.track • gpg • oop • linux • osa firewall • git • airflow • clickhouse • rabbitmq • alertmanager • microservices • ci cd • disaster recovery • observability • acceptance testing

LANGUAGES

English - B2

Russian -

EDUCATION

Master of Engineering, Aerospace, Aeronautical and Astronautical Engineering
Bauman Moscow State Technical University

2020 - 2026