

Dmitrii Kriukov

Platform Engineer (DevOps / DevSecOps) dmitryusa2024@gmail.com

portfolio.kryukovds.com

Open to relocation: UAE / US / SAU

SUMMARY

Platform / DevOps Engineer with 3+ years of hands-on experience building secure, cloud-native infrastructure and CI/CD systems in enterprise environments (Sberbank)

Specialized in Kubernetes, DevSecOps practices (HashiCorp Vault, PKI, mTLS) and infrastructure automation. Strong focus on secure system design, secrets management, service-to-service authentication and Zero Trust architecture (ZTNA)

Proven ability to design and deliver production-grade private cloud platforms with full certificate lifecycle and secure microservice communication.

EXPERIENCE

Sberbank – DevOps Engineer

Mar 2025 – Present

Designed and optimized CI/CD pipelines (Jenkins + GitLab CI), increasing deployment stability and reducing manual operational effort by ~40%

Implemented HashiCorp Vault for dynamic secrets management, completely eliminating hardcoded credentials and reducing security risks across 15+ services

Automated deployment and debugging workflows, improving release consistency and cutting troubleshooting time by ~50%

Evaluated and introduced DevOps practices across multiple teams, contributing to platform standardization and faster onboarding

Sberbank – Site Reliability Engineer (SRE)

Jul 2024 – Mar 2025

Managed application releases across test and production environments, achieving 99.9% deployment success rate

Automated CI/CD processes, reducing deployment errors by 60% and shortening release cycle from days to hours

Administered full SSL/TLS lifecycle (issuance, renewal, compliance), strengthening overall security posture

Investigated production incidents using OpenShift logs and ELK stack, reducing average troubleshooting time by 35%

Optimized critical PostgreSQL queries, improving service performance by 25–40%

AO Kompas – DevOps Engineer

Mar 2023 – Jun 2024

Led migration of entire infrastructure from VMware ESXi to QEMU/KVM, improving resource utilization by 30% and reducing hardware costs

Designed and deployed secure VPN solutions (MikroTik + OpenVPN) for 50+ users

Built containerized infrastructure (Docker + Harbor + GitLab), accelerating delivery workflows by 2x

Implemented production-grade HTTPS security (Nginx + Let's Encrypt + OpenSSL)

Automated routine administrative tasks with Bash, reducing manual operational overhead by ~70%

PROJECTS

Private Cloud VPN Platform (Microservices + Kubernetes + ZTNA)

Designed and deployed a production-grade Private Cloud VPN Platform serving 100+ concurrent secure connections with full Zero Trust architecture

Built secure PKI architecture:

1. Root CA hosted on air-gapped Debian system with encrypted disk
2. Intermediate CA managed via HashiCorp Vault PKI engine
3. Dynamic leaf certificates issued for all services

Implemented mTLS communication between microservices, ensuring end-to-end secure service-to-service authentication

Integrated HashiCorp Vault as central security layer (PKI, KV, Transit engines + AppRole authentication)

Built full infrastructure automation using Terraform + Ansible, enabling reproducible and version-controlled deployments

Configured S3-compatible MinIO for consistent state storage

Deployed microservices (FastAPI + gRPC) in Kubernetes (k3s) with complete CI/CD pipelines

Experimented with LLM-based workflows for automated log analysis and infrastructure operations

SKILLS

Infrastructure & Cloud:

Kubernetes (k3s, OpenShift), Docker

Private cloud architecture (VPC, Zero Trust, secure networking)

AWS (EC2, VPC, S3, IAM – hands-on deployments and architecture design)

CI/CD & Automation:

Jenkins, GitLab CI

Terraform, Ansible

Bash scripting

DevSecOps & Security:

HashiCorp Vault (PKI, KV, Transit)

mTLS, PKI architecture, full certificate lifecycle

SSL/TLS, secure service communication

AppRole authentication, Zero Trust principles

Observability:

Prometheus, Grafana

ELK stack, Loki

Data & Messaging:

PostgreSQL, Redis

Kafka (basic)

AI / Automation:

LLM API integrations and automation workflows

EDUCATION

Moscow Automobile and Road College (A.A. Nikolaev) Information Systems and Programming - 2021

CERTIFICATIONS

DO180: Red Hat OpenShift & Kubernetes Containers

Docker Foundations Professional Certificate

International Cybersecurity Games - Red Team participant

LANGUAGES

English – Pre-Intermediate (A2+, actively improving)

Russian – Native