

# Oleg Avdeev

## DevOps / SRE Engineer | NetDevOps Team Lead

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### TARGET PROFILE

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DevOps/SRE engineer and NetDevOps Team Lead since 2023 with 6+ years of experience in infrastructure automation, CI/CD tooling, observability, databases, Linux operations, and production oriented troubleshooting. Strong Python/Bash automation background, hands-on Kubernetes and ArgoCD experience, and practical work with PostgreSQL, MySQL, ClickHouse, monitoring, hardening, and secure delivery workflows. Comfortable in small teams where DevOps owns reliability, deployment quality, and incident driven improvements.

### RELEVANT STRENGTHS FOR PRODUCT DEVOPS / SRE

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- > **GitOps and delivery:** supported ArgoCD, GitLab CI/CD, Jenkins, Artifactory, SonarQube, Bitbucket, and Vault for enterprise SDLC workflows.
- > **Kubernetes diagnostics:** deployed workloads with Helm and ArgoCD, containerized services with Docker/Podman, and supported runtime troubleshooting in Linux environments.
- > **Database operations:** supported PostgreSQL, MySQL, and ClickHouse, including SQL tuning, functions, cleanup jobs, and high volume monitoring data.
- > **Observability and incidents:** built monitoring and logging pipelines with Zabbix, Grafana, ELK, Prometheus, and ClickHouse backed analytics.
- > **Security mindset:** worked with Vault, hardening checks, VPN monitoring, compliance automation, and controlled deployment workflows.

### PROFESSIONAL EXPERIENCE

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**UniCredit Russia**

*2023 - Present*

**NetDevOps Team Lead**

- **Infrastructure ownership:** Lead NetDevOps work across automation, monitoring, CI/CD tooling, databases, and secure operational workflows.
- **Kubernetes and containers:** Containerized internal infrastructure services with Docker/Podman and delivered workloads to Kubernetes with Helm and ArgoCD.
- **Monitoring:** Built monitoring and logging pipelines using Zabbix, Grafana, ELK, and ClickHouse backed analytics for user and network activity.
- **CI/CD and GitOps:** Administered on premise SDLC tooling: GitLab CI, Jenkins, Artifactory, SonarQube, Bitbucket, Vault, and ArgoCD.
- **Security and reliability:** Built hardening portal for equipment and servers, automated compliance checks, and implemented VPN monitoring/accounting workflows.

## UniCredit Russia

2019 - 2023

### NetOps / Network Automation Engineer

- **Automation:** Developed Python/Flask platforms and Bash/Python automation that integrated monitoring, inventory, databases, GitLab, and operational portals.
- **Databases:** Supported PostgreSQL, MySQL, and ClickHouse for automation systems; tuned SQL, wrote functions, and maintained large operational datasets.
- **Network operations:** Automated network backup, topology mapping, VPN accounting, and operational reporting workflows.

## Huawei Russia

2018 - 2019

### Delivery & Service Intern

- Automated technical calculations and reporting for delivery and operations teams.
- Prepared telecom site planning materials using AutoCAD and custom calculation tools.

## SELECTED PROJECTS

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- **Hardening portal:** Flask-based platform for server and network equipment compliance checks, configuration templates, and remediation workflows.
- **Network backup automation:** GitLab + Ansible/Python platform for automated backups, secure configuration workflow, reports, and artifact storage.
- **Remote access monitoring:** VPN accounting and user activity analytics migrated from InfluxDB to ClickHouse.
- **BGP monitoring:** PostgreSQL-backed analytics platform for 1B+ routing records with custom indexing and cleanup functions.

## TECHNICAL SKILLS

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- **CI/CD & GitOps:** GitLab CI/CD, Jenkins, ArgoCD, Artifactory, SonarQube, Bitbucket, Vault
- **Containers:** Kubernetes, Helm, Docker, Docker Swarm, Podman, image build and deployment workflows
- **IaC & Automation:** Terraform, Ansible, Python, Bash, PHP, JavaScript
- **Data Stores & Streaming:** PostgreSQL, MySQL/MariaDB, ClickHouse, Kafka, MS SQL, Redis, InfluxDB
- **Observability:** Prometheus, Grafana, Alertmanager, Zabbix, ELK Stack, LibreNMS, alerting workflows
- **Linux & Networking:** RHEL, CentOS, Debian, Astra, Ubuntu, Nginx, reverse proxy, SSL/TLS, Cisco, Check Point, F5, VPN
- **Security:** Vault, hardening, compliance checks, secret-aware workflows, access audit

## EDUCATION & LANGUAGES

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**Bachelor in Information & Communication Technologies and Systems**, MIEM NRU HSE, 2015-2019

**Languages:** Russian native, English upper-intermediate (B2), French basic (A2)