

Aleksandr Suprun

Senior DevOps / Platform Engineer

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Summary

DevOps / Platform Engineer with 5+ years of hands-on experience building and operating production infrastructure: bare-metal (1200+ servers, 3 data centers), cloud (AWS, GCP), and hybrid environments. Designed and deployed Kubernetes platforms scaling to 30 nodes (kubeadm, Kubespray, Talos Linux), GPU infrastructure for ML/LLM workloads, GitLab CI/CD architecture, SRE practices (SLI/SLO, DR, automated backup validation), and security-critical systems (custom KMS, Keycloak SSO, Vault). Certified by AWS and HashiCorp.

Technical Skills:

- **Infrastructure:** On-prem data centers, Linux (RHEL, Ubuntu, Debian, AlmaLinux, Arch)
- **Cloud:** AWS, GCP
- **Virtualization:** Proxmox, KVM, VMware
- **Containers & Orchestration:** Docker, Kubernetes (EKS, vanilla, Talos Linux)
- **IaC:** Ansible, Terraform, Helm
- **CI/CD:** GitLab CI, GitHub Actions, Jenkins
- **Scripting:** Bash, Python
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis, ClickHouse, Elasticsearch
- **Observability:** Prometheus, Grafana, VictoriaMetrics, VictoriaLogs, Zabbix, AlertManager, ELK
- **Networking & HA:** HAProxy, nginx, multi-DC architecture, VIP failover
- **Security:** Keycloak (SSO/OIDC), HashiCorp Vault, custom KMS, LUKS encryption
- **AI/ML Infrastructure:** GPU scheduling (MIG, time-slicing), ML pipeline optimization, agent-based systems, RAG

Experience

Progressive Mind

UAE, Dubai

Senior DevOps Engineer

November 2023 - March 2026

- Migrated workloads from Docker Swarm to Kubernetes; built clusters using Kubespray, kubeadm, and Talos Linux scaling to 30 nodes; implemented GitOps
- Configured GPU-enabled Kubernetes cluster for ML/LLM workloads with NVIDIA MIG and time-slicing
- Built custom KMS server for LUKS disk encryption with heartbeat-based node validation
- Implemented centralized SSO via Keycloak integrated with GitLab, Grafana, Vault, and internal services
- Designed multi-DC high-availability architecture with HAProxy and virtual IP failover
- Designed disaster recovery strategies with defined RTO/RPO; automated backup and validation for PostgreSQL, MongoDB, ClickHouse, and Elasticsearch; performed zero-loss Elasticsearch migration
- Deployed VictoriaMetrics stack, AlertManager, and Zabbix for monitoring and alerting; built SRE dashboards with SLI/SLO metrics
- Optimized GitLab CI/CD using templates and prebuilt base images; accelerated ML pipelines
- Implemented dynamic staging environments in Kubernetes via GitLab CI and Helm
- Refactored and standardized Ansible codebase; implemented Ansible Vault for secrets management
- Performed OS upgrades across infrastructure with near-zero downtime
- Designed access control matrix; maintained and improved technical documentation

Sweatcoin

London, Great Britain

DevOps Engineer

July 2023 — October 2023

Delivered monitoring stack with Consul, Alertmanager (Slack integration), and Grafana dashboards. Automated Grafana provisioning via config files. Improved existing Ansible roles and extended Terraform modules for infrastructure automation.

Appello Software

Sydney, Australia

DevOps Engineer

September 2021 — July 2023

Reduced AWS costs by 15% through instance right-sizing and plan optimization. Accelerated CI/CD pipelines by 40% via package caching and prebuilt Docker images. Built monitoring stack with Grafana, Prometheus, and CloudWatch. Delivered reusable Terraform modules and Ansible roles to automate multi-environment deployments.

RT Labs

Moscow, Russia

DevOps Engineer

March 2020 — August 2021

Built pre-production environment in a secure private cloud (VMware). Automated software deployment and updates with Ansible and GitLab CI pipelines. Streamlined daily operations with Bash and Python scripts, reducing manual tasks by 70%.

Chestny Znak

Moscow, Russia

Linux Engineer

November 2018 — February 2020

Maintained 1200+ Linux servers across 3 data centers as part of 24/7 on-call team. Automated routine tasks with custom Ansible roles and resolved critical incidents under SLA. Proactively monitored metrics and reduced alert fatigue by optimizing thresholds.

Certifications

HashiCorp Certified: Terraform Associate (003)

June 2023 AWS Knowledge: Architecting

June 2023

HashiCorp

Amazon Web Services Training and Certification

