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About

My career started in telecommunications, working with networking infrastructure, wireless networks and carrier-grade systems.

Over time, I moved into Linux infrastructure, virtualization and cloud technologies, which naturally led me to automation, Infrastructure as Code and container platforms.

As Kubernetes became the industry standard, my focus shifted towards cloud-native infrastructure, platform engineering and operating large-scale distributed systems. I worked on everything from production Kubernetes platforms and observability to networking, automation and developer enablement.

Most recently, I have been working on AI infrastructure, supporting GPU-backed environments used for R&D, model training and production inference workloads across GCP and AWS.

My experience includes Kubernetes, GKE, EKS, Terraform, Crossplane, ArgoCD, Helm, Atlantis, AWS, GCP, Prometheus, Grafana, Loki, networking and platform automation. I enjoy solving infrastructure problems, improving developer experience and building platforms that allow teams to move faster without sacrificing reliability.

Experience

Senior DevOps / Platform Engineer **AI21 Labs (www.ai21.com)** **Dec 2022 - Present**

AI21 Labs develops foundation models and AI-powered products.

What I worked on

- Operated and improved Kubernetes-based platforms running across dozens of clusters in GCP and AWS.
- Supported infrastructure used for R&D, model training and production inference workloads.
- Managed shared GPU compute environments used by multiple engineering and R&D teams.
- Built and maintained Infrastructure as Code and GitOps workflows using Terraform, Atlantis, Helm and ArgoCD.
- Worked on multi-cluster Kubernetes environments using Liko to enable workload offloading and improve utilization of compute resources.
- Contributed to a self-service platform built on Crossplane, allowing development teams to provision infra through GitOps workflows.
- Maintained platform observability, networking and operational standards.
- Participated in production on-call rotations and incident response.

Highlights

- Led Kubernetes and GKE upgrade initiatives across production environments.
- Introduced Atlantis to standardize Terraform workflows and infrastructure review processes.
- Implemented and operated Liko-based multi-cluster infrastructure.
- Developed and maintained Kyverno policies for platform governance.
- Helped evolve the internal platform used by engineering and R&D teams.
- Supported large-scale AI workloads running on GPU infrastructure.

Senior DevOps Engineer **Firebolt (www.firebolt.io)** **Jul 2020 - Mar 2022**

Firebolt is a cloud-native Data Warehouse and Database-as-a-Service platform.

What I worked on

- Built and maintained AWS infrastructure supporting both internal services and customer environments.
- Developed reusable Terraform modules and infrastructure automation tooling.
- Supported Kubernetes-based production environments.
- Built and maintained CI/CD workflows.
- Worked extensively with AWS networking, VPC design and service connectivity.
- Supported distributed systems including Kafka and FoundationDB.
- Troubleshooted production incidents and customer environment issues.

Highlights

- Implemented networking solutions enabling secure cross-account connectivity between customer and platform environments.
- Built proxy-based access solutions for FoundationDB deployments.
- Developed reusable infrastructure modules used across multiple environments.
- Worked on AWS networking, VPC Endpoints and service connectivity architecture.
- Supported large-scale database platform infrastructure and customer-facing production environments.

DevOps Engineer	Digital Contact	Mar 2016 - Mar 2020
◦ Built and maintained Kubernetes and Docker environments. ◦ Implemented centralized logging and monitoring platforms. ◦ Automated software delivery pipelines using GitLab CI/CD. ◦ Supported MongoDB, ClickHouse and RabbitMQ clusters. ◦ Managed production infrastructure across AWS, DigitalOcean and bare-metal environments. ◦ Participated in modernization and support of SOA-based systems.		
DevOps Engineer	Mindner (MySpot)	Sep 2015 - May 2017
◦ Built CI/CD pipelines using Docker and GitLab. ◦ Supported AWS-based infrastructure. ◦ Maintained ELK and RabbitMQ clusters. ◦ Worked on OpenWRT-based systems and Linux production environments.		
System Administrator	Intertelecom	Mar 2012 - May 2017
◦ Designed and operated large-scale networking infrastructure across Ukraine. ◦ Managed Cisco, Ruckus, MikroTik, Ubiquiti and Extreme Networks environments. ◦ Built and supported VPN and B2B connectivity solutions. ◦ Administered VMware-based virtualization platforms. ◦ Managed Linux infrastructure, DNS, monitoring and logging systems. ◦ Automated operational tasks using Shell and Python.		

Education

Information Communication Systems	2006 - 2011
Odesa National Academy of Telecommunications	Odesa, Ukraine

Certifications

Amazon Web Services (AWS)

- AWS Certified Solutions Architect – Professional
- AWS Certified Solutions Architect – Associate

Google Cloud Platform

- Professional Cloud Architect
- Associate Cloud Engineer

CNCF / Linux Foundation

- Certified Kubernetes Administrator (CKA)
- Certified Kubernetes Application Developer (CKAD)
- Certified Kubernetes Security Specialist (CKS)

Languages

- Ukrainian — Native
- Russian — Native
- English — Professional Working Proficiency