

**Summary of Qualifications**

DevOps Engineer with 3 years of hands-on experience building, automating, and maintaining cloud infrastructure for high-load web platforms and SaaS platforms with data-driven backends. Strong background in AWS and GCP environments, Infrastructure as Code with Terraform and Ansible, and containerized workloads using Docker and Kubernetes.

Experienced in designing reliable CI/CD pipelines, improving system observability with Prometheus and Grafana, and ensuring secure, low-downtime deployments in production environments. Skilled in infrastructure reliability, environment consistency, database performance tuning support, and troubleshooting distributed systems under load.

Worked across the full infrastructure lifecycle – from provisioning cloud resources and configuring networking to optimizing deployment workflows and supporting production operations. Certified Google Associate Cloud Engineer with a solid foundation in Linux systems, networking, and cloud security best practices.

**Skills****Programming & Markup Languages**

- Python
- Bash
- JSON, YAML

**Productivity AI Tools**

- Claude / Claude Code
- ChatGPT
- Cursor AI
- Gemini

**Infrastructure as Code / Automation**

- Terraform
- Ansible
- AWS CLI
- GCP CLI

**Databases (RDBMS)**

- PostgreSQL
- MySQL, including migration to AWS RDS

**Cloud Platforms**

- AWS: EC2, S3, RDS, ECS (EC2 launch type), CodeDeploy, VPC, Elastic IP, IAM, SSM Parameter Store
- GCP: Cloud Build, Artifact Registry (AR), Cloud Run (CR), GKE (Kubernetes Engine), Cloud DNS, Cloud SQL, Monitoring, Google Cloud Storage (GCS)
- Hetzner

**CI/CD Tools**

- GitHub Actions
- AWS CodeDeploy
- GitLab CI/CD

**Monitoring & Observability**

- Prometheus, Grafana
- CloudWatch

**Containerization & Virtualization**

- Docker, Docker Compose
- Kubernetes (including dynamic scaling, HPA, cluster debugging)
- VMware, Oracle VM VirtualBox

**Web & Application Servers**

- Nginx
- Apache
- CloudFlare (DNS, CDN, basic security)

**Version Control**

- Git
- GitHub
- GitLab

**Operating Systems**

- Linux (Ubuntu, Fedora)
- Microsoft Windows
- macOS

**Testing & API Tools**

- Postman
- Insomnia
- DAST Tools (for checking web domains)

## Experience

### Project Description:

#### Infrastructure Modernization for Legacy Platform

Contributed to the modernization and operational support of a high-load legacy web platform hosted on AWS. Focused on improving infrastructure reliability, deployment stability, monitoring, and production operations. Collaborated closely with backend engineers to ensure stable service performance and consistent runtime environments.

### Domains:

Infrastructure Support | Web Platform

### Involvement Duration:

1.5 years

### Project Role:

DevOps Engineer

### Responsibilities:

- Improved reliability of AWS EC2-based infrastructure by optimizing instance configurations, resource utilization, and fault tolerance;
- Maintained and optimized Nginx reverse-proxy setup for secure traffic routing and TLS termination;
- Optimized Docker images to reduce build time, container startup latency, and deployment risks;
- Implemented scaling strategies at container and instance levels based on CPU and memory utilization;
- Configured centralized logging and monitoring using Prometheus and Grafana;
- Maintained and improved CI/CD pipelines for automated build and deployment workflows;
- Supported high availability of production systems and low-downtime deployment processes;
- Assisted with Kubernetes workloads, service configuration, and Ingress setup;
- Collaborated with backend teams to ensure consistent runtime environments;
- Participated in production support, troubleshooting, and performance stabilization.

### Project Team Size:

4-6 team members

### Tools & Technologies:

AWS (EC2), Kubernetes, Docker, Nginx, Prometheus, Grafana, GitHub Actions, Redis, PostgreSQL.

### Project Description:

#### Financial Data Platform for Stock Screening

Worked on infrastructure, deployment, and operational reliability of a financial SaaS platform processing large volumes of financial data from SEC EDGAR filings. Focused on containerized environments, cloud infrastructure, CI/CD automation, service stability, and production operations.

### Domain:

FinTech | Data Platform | SaaS

### Involvement Duration:

1 year

### Project Role:

DevOps Engineer

### Responsibilities:

- Designed and maintained containerized environments using Docker for consistent development and production setups;
- Built and maintained CI/CD pipelines using GitHub Actions;
- Managed cloud infrastructure in AWS ECS for service deployment and scaling;
- Used Terraform to manage infrastructure as code;
- Designed deployment architecture with focus on reliability and fault tolerance;
- Implemented blue-green deployment strategy to reduce release risks and minimize downtime;
- Optimized PostgreSQL performance and supported database migrations;
- Configured logging, monitoring, and health checks to improve observability;
- Managed environment configuration and isolation across environments;
- Optimized Docker images and deployment workflows to reduce downtime;
- Supported production operations, troubleshooting, and performance tuning.

<b>Project Team Size:</b>	2-3 team members	
<b>Tools &amp; Technologies:</b>	AWS (ECS), Terraform, Docker, GitHub Actions, PostgreSQL, FastAPI, Redis, Monitoring & Logging tools.	
<b>Certificates</b>	<b>Associate Cloud Engineer Certification</b> Google Cloud	
	<b>Decoding DevOps</b> Udemy	
<b>Education</b>	<b>Master's degree</b> National Technical University "Kharkiv Polytechnic Institute" Automation and Computer-Integrated Technologies	
	<b>Bachelor's degree</b> Kharkiv National Pedagogical University named after G.S. Skovoroda Psychology	
<b>Languages</b>	<b>English:</b> Upper-Intermediate	
	<b>Ukrainian:</b> Native	