

Polina C.

DevOps Engineer

Summary of Qualifications

DevOps Engineer with 3 years of experience in designing, deploying, and maintaining cloud-native applications and infrastructure. Experienced in building scalable and reliable systems on AWS, automating CI/CD pipelines, and developing backend tools and microservices in Python. Skilled in infrastructure as code (Terraform), containerization (Docker, ECS, EKS), monitoring and observability (CloudWatch), and database management (PostgreSQL, MS SQL, Aurora, Redis, MongoDB). Adept at collaborating with cross-functional teams to streamline development workflows, optimize cloud costs, and ensure high system availability. Strong foundation in networking, DNS, and cloud security best practices, with hands-on experience in Agile and Scrum environments.

Skills

Programming Languages/Technologies

- Technical Documentation/Architecture Reports
- XML/JSON/YAML
- Python
- Bash
- SQL
- Terraform
- AWS Cli
- Networking
- DNS

RDBMS

- PostgreSQL
- MS SQL
- AWS Aurora

NoSQL

- Elasticsearch
- Redis
- MongoDB

Virtualization Tools

- Docker

Methodologies

- Agile, Scrum
- Waterfall

Operating Systems

- Microsoft Windows
- Debian/Ubuntu/Linux

Monitoring & Observability

- CloudWatch

Application/Web Servers

- Nginx

Cloud Providers

- AWS (Networking, EC2, RDS, S3, ECS, EKS, Route 53, IAM, ECR)

Development Tools

- Visual Studio
- PyCharm

Testing Tools

- Postman
- Sentry

Versions Control

- Git
- GitHub
- GitLab

CI/CD

- GitLab CI
- GitHub Actions

Experience

Project Description:

Smart Lead Generation Platform for Real Estate Professionals

SaaS web platform tailored for real estate professionals to discover and connect with leads efficiently. It leverages integrated data sources and automated outreach tools. The platform is built for scalability and reliability, with a focus on continuous integration and deployment, and cloud infrastructure management to ensure high availability and performance.

Domains:

SaaS | Real Estate | Sales

Involvement Duration:

2 years

Project Role:

DevOps Engineer

Responsibilities:	▪ Manage containerized workloads using ECS Fargate, API Gateway, Lambda to support application workflows; ▪ Implement and maintain CI/CD pipelines using GitHub Actions for automated building and deployment; ▪ Maintain databases in RDS PostgreSQL, optimize its performance with utilizing of indexing; ▪ Oversee, implement and support ETL process with AWS Glue; ▪ Collaborate closely with development team to support automated workflows for both application and infrastructure code; ▪ Regularly review and optimize cloud infrastructure costs with AWS Costs; ▪ Optimize content delivery with CloudFront and manage DNS configurations through Route53.
Project Team Size:	10-13 team members
Tools & Technologies:	Terraform, AWS, ECS Fargate, API Gateway, AWS Lambda, AWS Batch, AWS Glue, RDS PostgreSQL, CloudWatch, SNS, S3, CloudFront, ElastiCache, DocumentDB, Elastic Load Balancer, Route53, GitHub Actions, Git, Python.
Project Description:	Small-Scale Projects Across Various Domains Small and mid-sized applications delivered for clients in fintech, e-commerce, logistics, and digital service sectors. Work included building cloud-native infrastructure, automating delivery processes, and contributing to backend and tooling development in Python. The projects emphasized high reliability, efficient CI/CD, and seamless integration between application code and infrastructure.
Domain:	FinTech E-Commerce Logistics Digital Services
Involvement Duration:	1 year
Project Role:	DevOps Engineer Python Developer
Responsibilities:	▪ Designed and maintained CI/CD pipelines with GitHub Actions and GitLab CI to automate build, test, and deployment workflows for both application and infrastructure code; ▪ Developed internal automation tools and microservices in Python (FastAPI, Flask), including data processing scripts, API integrations, and deployment helpers; ▪ Built reusable Terraform modules, automated environment provisioning, and managed infrastructure on AWS (EC2, ECS Fargate, EKS, S3, RDS); ▪ Implemented containerization workflows with Docker and contributed to improving service performance and resource usage; ▪ Integrated monitoring and logging systems using CloudWatch, Loki, and custom Python log collectors; ▪ Created scheduled jobs and serverless functions in AWS Lambda using Python to support ETL tasks, data validation, and maintenance routines; ▪ Performed infrastructure and application cost optimization, including autoscaling, lifecycle policies, and workload distribution tuning; ▪ Collaborated with development teams to improve release processes, debug production issues, and enhance overall system reliability and performance.
Project Team Size:	3-5 team members
Tools & Technologies:	Python, FastAPI, Flask, Terraform, AWS, ECS Fargate, EKS, EC2, S3, CloudFront, Route53, RDS PostgreSQL, ElastiCache, Lambda, CloudWatch, Loki, Docker, GitHub Actions, GitLab CI, Git, Bash.

Certificates	Database Fundamentals SoftServe	
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	Devops for Developers SoftServe	
	Python Project-Based Learning SoftServe	
Education	Master's degree Kharkiv National University of Radio Electronics Computer Science	
Languages	English – Upper-Intermediate Ukrainian – Native	