Maksym Shaposhnikov

Kyiv, Ukraine | English: B2+ DevOps Engineer | Python Automation | AWS | Terraform | Kubernetes | ArgoCD Telegram | Github | Linkedin

SUMMARY

Senior DevOps Engineer with 10+ years of experience automating cloud infrastructure, CI/CD pipelines, and Kubernetes environments. Strong background in Python and Bash scripting. Proven record of reducing cloud spend, accelerating delivery, and enabling platform scalability for data-driven teams. Comfortable in Agile/DevOps cultures and experienced across AWS and Azure.

SKILLS

- Cloud Platforms: AWS (EC2, S3, RDS, IAM), Azure (Compute, PostgreSQL)
- IaC & Automation: Terraform, Terragrunt, Ansible, Python, Bash
- Containers & Orchestration: Docker, Kubernetes, Helm, ArgoCD, Harbor
- CI/CD: GitLab CI/CD, GitHub Actions, Jenkins
- Monitoring & Logging: Prometheus, Alertmanager, Grafana, ELK, Dynatrace, Trivy
- Practices: GitOps, Agile, Secure CI/CD, Cost Optimization

PROFESSIONAL EXPERIENCE

SoftServe – Senior DevOps Engineer   Jan 2023 – Present

- Automated multi-cloud cost reporting pipeline, eliminating manual reporting and increasing accuracy.
- Implemented hibernation scheduling for EC2, RDS, Azure Compute, and PostgreSQL, reducing infrastructure costs by up to 50%.
- Built Python- and Terraform-based tooling for AWS and Azure cost visibility, including full automation of Cloudability extended reports.
- Designed and maintained CI/CD pipelines in GitLab, Jenkins, and Tekton, integrating Mailgun alerts for pipeline failures and Pytest for integration tests.
- Automated ETL processes in Azure Databricks and Snowflake, processing large datasets with Airflow and Python (Pandas, SQLAlchemy), optimizing query performance and storage usage.

Tools & Technologies: Python (Pandas, Requests, SQLAlchemy, Jinja2), Terraform, AWS (EC2, RDS, Cost Explorer), Azure (Compute, PostgreSQL), GitLab CI, Jenkins, Tekton, Mailgun, Pytest, Databricks, Airflow, Snowflake

Zoolatec – Senior DevOps Engineer   Dec 2020 – Jan 2023

- Managed AWS EMR clusters, Glue, and IAM for scalable data pipelines
- Built multi-account Terragrunt setup for team-based infrastructure deployments
- Deployed Kubernetes workloads using Helm and ArgoCD in GitOps style
- Automated infrastructure imports from manual "ClickOps" to Terraform
- Designed CI/CD pipelines using GitHub Actions; reduced deployment friction
- Enabled system reliability with Prometheus/Grafana + ELK logging stack

Grid Dynamics – Senior DevOps Engineer   Dec 2017 – Dec 2020

- Owned AWS infrastructure for production/dev environments
- Automated provisioning with Bash/Python, improving consistency and release confidence
- Implemented centralized logging and monitoring for multi-service apps

EPAM Systems – Senior DevOps Engineer   Feb 2014 – Apr 2017

- Built full CI/CD system with Jenkins, Docker, Ansible for global e-commerce client

- Replaced legacy scripts with modular Ansible playbooks, improving maintainability
- Automated test environments via Docker Compose, including legacy MySQL setups
- Designed containerized deployment strategy across app tiers (Solr, Tomcat, Varnish)
- Integrated monitoring tools (Zabbix, custom scripts) for self-healing automation
- Drove tech adoption internally—bringing modern DevOps tooling to distributed teams

PROJECT ACHIEVEMENTS

50%+ cost reduction: Automated EC2/RDS shutdown during off-hours on AWS and Azure

30% faster releases: Streamlined CI/CD processes using GitLab and GitHub Actions

Migrated complex ClickOps infrastructure to Terraform for full IaC management

Built monitoring and alerting stack for dozens of production services

HOBBIES & INTERESTS

Licensed Radio Amateur - RF experimentation & digital comms

Microcontroller Programming - ESP32, Arduino, RF/LoRa-based projects

Smart Home Development - Custom automations with Home Assistant