

Maksym Shaposhnikov

🇺🇦 Kyiv, Ukraine | 🌐 English: B2+ 📄 Data & Finops Engineer | Python | Pandas | Data Analysis | Cloud (AWS/Azure) | ETL Pipelines | CI/CD | Databricks, Snowflake 📧 Telegram | Github | LinkedIn

SUMMARY

DevOps leader with 15+ years of experience in cloud, automation, and AI-driven solutions. Expert in Python, CI/CD, and multi-cloud infrastructure. I help teams deliver faster, reduce costs, and boost reliability through automation and AI innovation.

DevOps leader with 20+ years of experience in cloud, automation, and AI-driven solutions. Expert in Python, CI/CD, and multi-cloud infrastructure. I help teams deliver faster, reduce costs, and boost reliability through automation and AI innovation.

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

Implemented automated resource hibernation system (scheduling, state management, monitoring), significantly lowering idle infrastructure costs.

Designed and tested API validation framework for HR-related processes, ensuring secure, consistent, and automated verification across large-scale user datasets.

Migrated and optimized CI/CD pipelines (GitLab → GitHub Actions) using a custom AI agent, reducing deployment time by 40% and eliminating manual migration overhead.

Built AI-assisted monitoring dashboards in Grafana/Prometheus, where a custom agent correlates anomalies and alerts, cutting incident response time by 35%.

Developed custom AI agents (OpenAI + LangChain) for repetitive DevOps workflows — infrastructure validation, documentation generation, incident troubleshooting.

Optimized multi-cloud infrastructure (Azure + AWS) with Terraform & Ansible, supported by an AI-driven cost analysis agent, reducing operational expenses by up to 20%.

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