

# 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

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##### Grid Dynamics – Senior DevOps Engineer ##### Dec 2017 – Dec 2020

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##### EPAM Systems – Senior DevOps Engineer ##### Feb 2014 – Apr 2017

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## **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