

VLADYSLAV MAIDANIUK

****MLOps Engineer | AI/ML Infrastructure Specialist****

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PROFESSIONAL SUMMARY

MLOps Engineer with 4+ years building production AI/ML infrastructure and cloud-native systems. Recently completed role at Up Coop where I reduced cloud costs by 25% and false alerts by 45% through AI-powered optimization. Deployed ML pipelines reducing processing time by 70% and maintained 99.9% uptime for systems serving 10,000+ users. Expert in Kubernetes, AWS, Terraform, Ansible, and CI/CD automation.

****Core Skills:**** Kubernetes • AWS • MLOps • Terraform • Ansible • CI/CD • Python • AI/ML Infrastructure

TECHNICAL SKILLS

****MLOps & AI:**** ML pipeline automation • Model deployment • AI agent orchestration • LLM integration (OpenAI, Claude) • GPU management • Model monitoring • Drift detection

****Cloud & Orchestration:**** AWS (EKS, EC2, RDS, S3, Lambda, SageMaker) • Kubernetes • Docker • Helm • Azure • GCP

****Infrastructure & Automation:**** Terraform • Ansible (3+ years) • CloudFormation • GitHub Actions • GitLab CI/CD • Jenkins • Python • Bash

****Observability:**** Prometheus • Grafana • ELK Stack • SLO/SLI • Error budgets • PagerDuty

****Security:**** HashiCorp Vault • CIS Benchmarks • ISO 27001 • PCI DSS • SOC 2 • CEH certified

PROFESSIONAL EXPERIENCE

DevOps/SRE Engineer (MLOps Focus)

****Up Coop (UP Group)**** | Prague, Czech Republic | *January 2025 – December 2025*

****AI/ML Infrastructure:****

- Reduced false alerts by 45% implementing ML-based anomaly detection for infrastructure monitoring
- Cut cloud costs by 25% deploying AI agents for automated resource optimization
- Built end-to-end CI/CD pipelines for AI/ML model deployment with automated testing and validation
- Orchestrated GPU-accelerated AI workloads on Kubernetes with auto-scaling (60% node efficiency)

****Platform & Reliability:****

- Achieved 99.9% uptime SLA through SLO/SLI framework with error budgets and proactive monitoring
- Reduced MTTR by 25% via enhanced observability stack (Prometheus, Grafana, Loki)
- Decreased unexpected downtime by 35% implementing comprehensive monitoring and incident response

****Infrastructure Automation:****

- Automated provisioning of 50+ AWS resources using Terraform and Ansible (60% faster deployment)
- Re-engineered CI/CD pipelines cutting deployment time by 80% (40min → 8min)
- Built reusable IaC modules for consistent, auditable infrastructure

****Security:****

- Implemented HashiCorp Vault achieving 100% vault-managed credentials
- Hardened Kubernetes with RBAC, Network Policies, security scanning (Trivy, SAST)
- Achieved 95%+ CIS Benchmarks compliance supporting ISO 27001

****Tech:**** AWS, Kubernetes (EKS), Docker, Terraform, Ansible, GitHub Actions, Prometheus, Grafana, Python

Freelance MLOps & Cloud Infrastructure Engineer

****Upwork**** | Remote (Worldwide) | *January 2022 – December 2024*

****AI/ML Production Systems:****

- Deployed AI chatbot infrastructure for banking client serving 5,000+ daily users (99.8% uptime)
- Built automated ML pipelines for document processing reducing processing time by 70%
- Implemented monitoring for ML model performance, inference latency, and drift detection
- Created Python automation tools integrating AI APIs (OpenAI, Claude)

****Cloud Infrastructure:****

- Designed scalable AWS infrastructure (EC2, RDS, S3, VPC) using Terraform with auto-scaling
- Built CI/CD pipelines for fintech applications reducing deployment time by 70% (4hrs → 45min)
- Containerized 12+ legacy banking applications with Docker

****Ansible at Scale:****

- Managed infrastructure across 200+ servers for 8+ clients
- Created custom roles for deployment, security hardening, and compliance (PCI DSS, ISO 27001)

****System Reliability:****

- Maintained 99.9% uptime for banking applications serving 10,000+ daily users
- Optimized web server performance improving response times by 35%
- Enhanced PostgreSQL performance by 20% through optimization

****Tech:**** AWS, Kubernetes, Docker, Terraform, Ansible, GitHub Actions, GitLab CI, Prometheus, PostgreSQL, Python

Cybersecurity Analyst

****Motorola Solutions**** | Prague, Czech Republic | *June 2020 – January 2022*

- Monitored security events in Splunk SIEM with incident triage and escalation
- Deployed endpoint protection across 200+ workstations
- Conducted vulnerability scanning (Nessus) and penetration testing (Metasploit, Nmap)
- Optimized firewall/IDS rules reducing false positives by 30%

****Tech:**** Splunk, Nessus, Metasploit, Wireshark, Windows, Linux

Oracle Database Administrator

****N-iX**** | Krakow, Poland | *April 2019 – June 2020*

- Administered Oracle Database instances achieving 99.9%+ availability
- Improved database throughput by 25% through performance tuning
- Implemented RMAN backup/recovery with disaster recovery testing

****Tech:**** Oracle Database (11g/12c), RMAN, SQL, PL/SQL, Linux

System Administrator

****PESA Bydgoszcz S.A.**** | Bydgoszcz, Poland | *May 2016 – January 2019*

- Architected VMware vSphere cluster (20 ESXi hosts, 400+ VMs) improving consolidation by 40%
- Deployed Docker and Kubernetes platform accelerating delivery by 50%
- Implemented Ansible automation across 100+ servers reducing manual work by 40%
- Implemented CIS Benchmarks security hardening reducing audit findings by 60%

****Tech:**** VMware, Docker, Kubernetes, Ansible, Windows Server, PowerShell, Azure AD

EDUCATION

****Master's Degree in Information Systems Security**** | Jagiellonian University, Poland | 2017 – 2019

****Bachelor's Degree in Computer Science**** | Jagiellonian University, Poland | 2014 – 2017

CERTIFICATIONS

****Active:**** Certified Ethical Hacker (CEH v12) – EC-Council (2024) • DevSecOps – TryHackMe (2025) • Palo Alto Networks Cybersecurity (2025) • Google IT Automation with Python (2024)

****In Progress:**** AWS Certified Solutions Architect – Associate (Q2 2025) • Certified Kubernetes Administrator (CKA)

LANGUAGES & AVAILABILITY

****Languages:**** Ukrainian (Native) • Russian (Native) • English (B2) • Czech (B2) • Polish (B1)

****Work Authorization:**** EU Citizen | Valid Canada Work Permit (until 2029)

****Location:**** Prague, Czech Republic | ****Relocation:**** Open to worldwide

****Work Arrangement:**** Remote, hybrid, or on-site | ****Availability:**** Immediate