Bilous Illia

DevOps Engineer

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Professional Summary

DevOps Engineer with 2 years of hands-on experience in cloud infrastructure, CI/CD, and automation. Skilled in AWS, Kubernetes, Terraform, and Ansible with a strong focus on scalability, security, and reliability. Achievements include reducing deployment times by 30%, cutting manual work by 50% through automation, and setting up monitoring environments that improved incident response by 40%. Passionate about building resilient systems and continuously improving engineering workflows.

Skills

Cloud & Infrastructure
AWS (EC2, VPC, S3, ALB, IAM, CloudWatch, Lambda, RDS, Route 53)
Networking (VPC design, routing, NAT, load balancing)

Automation & laC
Terraform, Ansible, Bash, GitHub Actions

Databases & Storage
MySQL, PostgreSQL, Redis, NoSQL databases (basic)

Other
Git, Nginx, Networking fundamentals (DNS, TCP/IP, firewalls), Security best practices

Containers & Orchestration
Docker, Kubernetes (Deployments, StatefulSets, RBAC, Helm), EKS

CI/CD & Monitoring
GitLab CI, GitHub Actions, Prometheus, Grafana, ELK Stack, Alertmanager

Operating Systems
Linux (Ubuntu, CentOS), Windows Server (basic)

Experience

DevOps Engineer, *Tedo Group*   11/2023 – 07/2025
- Implemented automated scaling for EKS clusters, improving service availability during peak loads.
- Configured monitoring and alerting with Prometheus and Grafana, decreasing incident response time by 0%.
- Created multiple Bash and Python scripts to automate routine tasks, cutting manual work by 50%.

Freelance / Self-Employed, *UpWork*   05/2023 – 11/2023
- Successfully built a complete monitoring environment for industrial production metrics on Ubuntu Server, integrating Prometheus exporters and Grafana dashboards, which enabled real-time visibility and early detection of anomalies.
- Automated deployment and infrastructure provisioning with Terraform and Ansible, resulting in repeatable, reliable, and faster setups.
- Optimized containerized applications using Docker, improving resource utilization and deployment speed.

Education & Courses

Bachelor in Computer Science, *Lutsk National Technical University (LNTU)*   2023 – 2027
- Gained foundational knowledge in programming, algorithms, and software engineering principles.

DevOps Engineer Course, *Mate Academy*   2023 – 2024
- Learned and practiced CI/CD pipelines, Terraform, Ansible, Docker, Kubernetes, and cloud infrastructure management.
- Completed hands-on projects automating deployments and monitoring environments.

Cybersecurity Essentials Course, *Cisco*   11/2024
- Acquired foundational cybersecurity skills including network security, threat analysis, and basic ethical hacking.

Cloud Practitioner, *AWS*   Present
- Developing understanding of AWS core services, cloud best practices, and infrastructure design principles.

Languages

English   **Ukrainian**
Upper-intermediate   Native