Bilous Illia

DevOps Engineer

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Location: Kyiv, Ukraine

About Me

DevOps Engineer with 2 years of hands-on experience in cloud infrastructure, CI/CD pipelines, containerization, and

monitoring solutions. Passionate about automation, scalability, and system reliability. I enjoy building tools and

environments that support high-performance development and operations lifecycles.

Skills

Technologies:
Linux, Docker, Kubernetes, AWS/GCP, Jenkins, SQL, Terraform, Python 3, Bash, Git, CI/CD, Helm, Networking, Grafana.

AWS Cloud Infrastructure:
Engineered scalable and resilient AWS infrastructure, leveraging services such as EC2, S3, RDS etc.

Database Management:
Administered MySQL and PostgreSQL databases, optimizing performance and ensuring data integrity for diverse projects.

Infrastructure as Code (IaC) with Terraform:
Established and maintained infrastructure components as code using Terraform, ensuring consistent deployments and facilitating scalability. Applied IaC best practices to streamline the provisioning of resources for diverse projects.

Container Orchestration with Kubernetes:

Experienced in orchestrating containerized applications using Kubernetes.

Configured and managed clusters for staging and production environments.

Defined and deployed Kubernetes resources such as Pods, Deployments, Services, ConfigMaps, Secrets, and Ingress

Controllers.

Implemented Helm charts for reusable and scalable deployments.

Worked with Horizontal Pod Autoscaler (HPA) for dynamic scaling based on resource usage.

Integrated Kubernetes workloads with monitoring (Prometheus/Grafana) and CI/CD pipelines (GitLab CI, Jenkins).

Experience
Devops Engineer | Tedo Group
May 2023 – May 2025
My work experience includes:
- Designing, implementing, and maintaining CI/CD pipelines using GitLab CI and Jenkins for multiple client projects.
- Migrated a monolithic application to a microservices architecture using Docker and Kubernetes, resulting in a 40% reduction in deployment time and improved system scalability.
- Provisioning and supporting cloud infrastructure on AWS (EC2, EKS, RDS, S3)

- Scripting in Bash and Python.
- Integrating Vault for secure secret management within deployment pipelines and Kubernetes workloads.
- Monitoring applications using Prometheus and Grafana; configuring alerting and dashboards for production systems.
- Writing Bash scripts to automate repetitive DevOps tasks, provisioning steps, and system checks.
- Utilizing Terraform for Infrastructure as Code.