Maks Bizukoits

DevOps Engineer

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Summary:

I am a DevOps engineer with extensive experience in CI/CD automation (GitLab CI/CD, Jenkins, Azure DevOps) and infrastructure management in cloud (AWS, Azure, private clouds) and on-premises environments. Skilled in containerization (Docker, Kubernetes) and deployment automation using Helm, Terraform and Ansible.

Detail-oriented, adaptable, and always eager to learn new technologies while collaborating with development teams.

Experience:

Relevant

11.2022 - present | DevOps Engineer | Playsdev company

Project 1. Travel application.

- Migrated test infrastructure from AWS to on-premises VMs, set up dev, test, and prod environments.
- Deployed and managed Kubernetes clusters on VMs, configured access via an external load balancer.
- Optimized Dockerfiles for Python microservices, migrated from Docker Compose to Kubernetes using Helm charts.
- Set up monitoring (Prometheus + VictoriaMetrics + Grafana), logging (Loki + Promtail), and alerting in Telegram.
- Deployed self-hosted GitLab in Kubernetes and automated CI/CD pipelines in GitLab.
- Administered MinIO, Harbor, PostgreSQL, Redis, Kafka, Cassandra, and Debezium CDC.
- Wrote infrastructure documentation.

Project 2. Fintech.

- Developed and optimized Dockerfiles for Java and NodeJS applications.
- Created CI/CD pipelines in Jenkins for building, testing, and deploying applications to Nexus and OpenShift.
- Managed repositories in Bitbucket, Nexus, Confluence, SonarQube, and Vault.
- Configured, deployed, and debugged microservices in OpenShift.
- Set up Istio for internal traffic routing, migrated to newer service mesh versions.
- Configured sidecar containers for monitoring (exporters) and logging (Fluentbit).
- Conducted load testing with Apache JMeter, visualized results in Grafana.
- Wrote internal documentation and trained teams.

Project 3. Migrating infrastructure to AWS.

- Writing Ansible playbooks for deploying and configuring servers and services.

Stack and hard skills:

Operating Systems: Linux, Windows

Containerization & Orchestration: Docker, Docker Compose, Kubernetes (K8s), Red Hat OpenShift (+Istio service mesh), Minikube (local testing), Helm, Argo CD, AWS ECS/EKS

Virtualization: VirtualBox, VMware, Proxmox

Scripting: Bash, Python, PowerShell

Networking: OSI model, DNS, TCP/UDP, HTTP/S, FTP, VPN, CDN, Service Mesh (Istio)

Web Servers: Nginx, Apache, Traefik

Databases: PostgreSQL, MySQL, Cassandra

SCM/VCS: Git (GitHub, GitLab, Bitbucket)

CI/CD: GitLab CI/CD, Jenkins, GitHub Actions, Azure DevOps, TeamCity

Configuration Management & IaC: Terraform, Ansible

Cloud Platforms:

AWS (EC2, IAM, S3, RDS, ECS, VPC, EKS, SNS, CloudFront, ECR, Route 53, Lambda, etc.)

Azure (VM, ACR, CDN, AKS, App Service, SQL Databases, Storage Accounts, Resource Groups, Virtual Networks, etc.)

On-premises (any VMs)

Monitoring & Logging: Prometheus, Grafana, VictoriaMetrics, Loki, Promtail, ELK/EFK, cAdvisor, Zabbix

Message Brokers & Streaming Data: Apache Kafka, Debezium

Artifact & Image Registries / Storage: Amazon ECR, Azure ACR, Nexus, MinIO, Harbor

- Migrating infrastructure from the customer's facilities to AWS, writing Terraform to set up environments and test benches.
- Setting up and managing a managed Kubernetes cluster.
- Creating and configuring Helm charts for deploying applications to Kubernetes.
- Setting up Prometheus and Grafana to monitor nodes and microservice loads and alerts.
- Deploying and configuring EFK to collect and store logs.
- Setting up and configuring self-hosted GitLab.
- Migrating code from Github to Gitlab.
- Migrating and refining CI/CD from the customer's Jenkins to self-hosted Gitlab.
- Conducting load testing and optimizing the performance of applications running in a Kubernetes cluster.
- Started the transition to GitOps in the form of ArgoCD.
- Configuring WireGuard for developer access to test environments.
- Supporting the development team.

Project 4. Group of commercial sites.

- Migrated AWS-based websites to Azure, ensuring minimal downtime.
- Developed CI/CD pipelines in Azure DevOps for building and deploying WordPress containers.
- Used Terraform to provision cloud infrastructure (CDN, storage, databases, registry).
- Configured Azure Monitor for performance tracking and alerting.
- Managed DNS, Cloudflare security settings, and optimized PHP servers for DDoS protection.
- Conducted performance testing and optimized cloud costs.
- Provided ongoing developer support.

09.2022 - 11.2022 | DevOps fundamentals | EPAM online courses

Organized and refreshed my Devops knowledge.

02.2022 - 10.2022 | System administrator | Freelance

Maintenance and support of a group of sites, rolling out releases in manual mode.

Not relevant

08.2012 – 07.2021 | Design Engineer | Various Positions

- Worked as a design engineer in various positions, involved in the entire cycle of product development, from customer communication and technical specification drafting to installation supervision.
- Performed user administration, support, and software configuration tasks.

Education:

2007 – 2012 | Bachelor's Degree in Mechanical Engineering and Design | Belarusian National Technical University, Minsk