Maks Bizukoits

DevOps Engineer

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Summary:

DevOps/SRE engineer with 3+ years of expertise in CI/CD automation, infrastructure management, and cloud migrations across AWS, Azure, and on-premises environments. Proficient in Kubernetes orchestration, containerization, Infrastructure as Code, and observability stack implementation. Successfully migrated infrastructure between cloud providers, optimized system performance, and reduced operational costs. Strong collaborator with development teams, focused on automation, reliability, and continuous improvement.

Experience:

Relevant

11.2022 - present | DevOps Engineer | Playsdev company

Non-project Activities

Conducted screening interviews for internship positions, conducted internal interviews, candidate selection, mentoring and assisting in training interns.

Project 0. SRE Engineer, Insurance Company.

- Performed the role of CI/CD engineer, responsible for application deployment, CI/CD pipeline maintenance, monitoring and logging infrastructure. Identified system bottlenecks and performance issues, optimized Java applications (JVM tuning, memory optimization), and provided technical support to development teams. Handled incident tickets and conducted root cause analysis for issues from both system and business perspectives. Maintained high availability and reliability of production systems.

Project 1. DevOps Engineer, Mobile Travel Application.

- Migrated test infrastructure from AWS to on-premises VMs, set up dev, test, and production environments with zero downtime.
- Deployed and managed Kubernetes cluster on VMs, configured access via an external load balancer with high availability.
- Optimized Dockerfiles for Python microservices (reduced image size by ~30%), migrated from Docker Compose to Kubernetes using Helm charts.
- Set up a comprehensive monitoring stack (Prometheus + VictoriaMetrics + Grafana), logging (Loki + Promtail + ELK), and alerting via Telegram.
- Deployed self-hosted GitLab in Kubernetes and automated CI/CD pipelines in GitLab, reducing deployment time significantly through library and dependency caching.
- Deployed and administered MinIO, Harbor, PostgreSQL, Redis, Kafka, Cassandra, Debezium CDC, Jaeger, Sentry, and EFK stack.
- Wrote infrastructure documentation.

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

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

Web/proxy servers: Nginx, Apache, Traefik

Databases: PostgreSQL, MySQL, Cassandra, Redis

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.)

Observability: Prometheus, Grafana, VictoriaMetrics, Loki, Promtail, ELK/EFK, cAdvisor, Jaeger, Sentry

Message Brokers & Streaming Data: Apache Kafka + Debezium, RabbitMQ

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

Languages:

Russian - Native
German - Basic
English - Intermediate

MB. V1.61

Project 2. DevOps Engineer, Fintech, Bank.

- Developed and optimized Dockerfiles for Java and Node.js applications, implementing multi-stage builds and best practices.
- Created and maintained CI/CD pipelines in Jenkins for building, testing, and deploying applications to Nexus and OpenShift.
- Managed repositories in Bitbucket, Nexus, Confluence, SonarQube, and HashiCorp Vault for secrets management.
- Configured, deployed, and debugged microservices in OpenShift, ensuring scalability and reliability.
- Set up Istio service mesh for internal traffic routing, migrated to newer service mesh versions with zero downtime.
- Configured sidecar containers for monitoring (Prometheus exporters) and logging (Fluent Bit).
- Conducted load testing with Apache JMeter, visualized results in Grafana, and provided performance recommendations.
- Wrote internal documentation and conducted team training sessions on DevOps practices and tools.

Project 3. DevOps Engineer, Infrastructure Migration to AWS, Group of Commercial Websites..

- Wrote Ansible playbooks for deploying and configuring servers and services.
- Migrated infrastructure from the customer's facilities to AWS, wrote Terraform code to set up environments and test benches.
- Set up and managed a managed Kubernetes cluster (EKS).
- Created and configured Helm charts for deploying applications to Kubernetes.
- Set up Prometheus and Grafana to monitor nodes and microservice loads and alerts.
- Deployed and configured EFK stack to collect and store logs.
- Set up and configured self-hosted GitLab.
- Migrated code from GitHub to GitLab.
- Migrated and refined CI/CD pipelines from the customer's Jenkins to self-hosted GitLab.
- Conducted load testing and optimized the performance of applications running in a Kubernetes cluster.
- Initiated the transition to GitOps using ArgoCD.
- Configured WireGuard VPN for developer access to test environments.
- Provided ongoing support to the development team.

Project 4. DevOps Engineer, Group of Commercial Websites.

- Migrated AWS-based websites to Azure, ensuring minimal downtime (< 1 hour) during migration.
- Developed CI/CD pipelines in Azure DevOps for building and deploying WordPress containers with automated testing.
- Used Terraform to provision and manage cloud infrastructure (CDN, storage, databases, container registry) as code.
- Configured Azure Monitor for performance tracking and alerting, reducing incident response time.
- Managed DNS, Cloudflare security settings (WAF rules, DDoS protection), and optimized PHP servers for performance and DDoS protection.
- Conducted performance testing and optimized cloud costs, achieving ~30% cost reduction.
- Provided ongoing developer support and troubleshooting, maintaining 99.5% uptime SLA.

09.2022 - 11.2022 | DevOps fundamentals | EPAM online courses

Organized and refreshed DevOps knowledge, covering CI/CD, containerization, and cloud technologies.

02.2022 - 10.2022 | System administrator | Freelance

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

Not relevant experience

08.2012 – 07.2021 | Design Engineer | Various Positions

- Worked as a design engineer, involved in the entire product development cycle 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

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