

Emre Aktaş

§ github.com/emredevops37 | linkedin.com/in/emre-aktas emredevops.click
+90 533 683 0805 # emrks37@gmail.com

Summary

Having 4+ years of experience in DevOps and passionate about the automation of IT processes.

Designing and building effective CI/CD pipelines using containerization, orchestration, monitoring, infrastructure automation tools, and cloud solutions.

Strong understanding of cloud-native technologies and platforms, with hands-on experience in AWS, GCP, and Azure environments.

Monitored, analyzed, and reported performance statistics for cloud-hosted environments by using AWS Cloud Watch, Prometheus, Grafana.

Adept at applying Agile methodologies to project management.

With strong problem-solving skills and a passion for continuous learning.

Education

TURKISH AIR FORCE ACADEMY
Computer Engineering

September 2008 – August 2012

Skills

Languages : Python, JAVA, .NET, Bash
Tools : AWS Cloud, Gitlab, Terraform, Ansible, Docker, Kubernetes, Jenkins, Prometheus, Grafana, ELK
Technologies : Linux, AI, Google, Slack vs.
Others : Git, Nexus, Maven, Nuget

Work Experience

Asis Elektronik / DevOps Engineer

Sep 2025 – Present

- Managing and maintaining Kubernetes clusters in production environments.
- Building and optimizing GitLab CI/CD pipelines for automated build, test, and deployment workflows.
- Containerizing applications with Docker and orchestrating multi-service environments using Docker Compose.
- Integrating SonarQube for static code analysis and enforcing code quality gates.
- Managing artifact repositories with Nexus and Harbor for secure image storage and distribution.
- Working with a broad DevOps toolchain to streamline infrastructure operations and improve deployment reliability.

- Experience with troubleshooting and debugging Docker containers.
- Implemented continuous integration and continuous delivery (CI/CD) pipelines using Jenkins and other tools, resulting in a 40 % improvement in release velocity..
- Experienced in installing, configuring and updating Nginx.
- Effectively configure Nginx to improve the performance of web servers.
- Used Grafana to visualize Prometheus metrics, resulting in a 50 % reduction in the time required to identify and resolve performance issues.

Upwork / AWS&DevOpsEngineer

June2023–March2024

- Various hands-on and project experience with all mentioned DevOps tools as well as in-depth training on AWS as a cloud technology.
- Developed and maintained custom Terraform modules and plugins, resulting in a 25 % improvement in infrastructure management efficiency.
- Including networking experience with container orchestration, scaling, and in Kubernetes. Hands-on experience on creating and managing pods, services, deployments and helm.
- Designed and implemented Ansible-based disaster recovery solutions.

Projects

Kub ernetes

- Developed a web application with Docker and Kubernetes, integrating MySQL database.
- Created frontend and backend services managed by Kubernetes deployments.
- Utilized persistent volume and persistent volume claim for data preservation.

AWS Infrastructure

- The infrastructure has Application Load Balancer with Auto Scaling Group of Elastic Compute Cloud (EC2) Instances and Relational Database Service (RDS) on defined VPC.
- Also, The Cloudfront and Route 53 services are located in front of the architecture and manage the traffic in secure, able to upload pictures and videos on own blog page and these are kept on S3 Bucket.
- Organized the project's structure to create a sustainable architecture among components, services, and modules.

CAPSTONE Project | JAVA, Spring Boot, Kubernetes, Jenkins, Terraform

- Developed robust backend services in Java, ensuring high performance and maintainability for core business logic.
- Designed and implemented a CI/CD pipeline using Jenkins, facilitating seamless build, test, and deployment processes.
- Automated infrastructure provisioning and management with Terraform, ensuring consistent and reliable cloud resources.
- Implemented a scalable container orchestration platform using Kubernetes, enabling efficient deployment and management of microservices.

Certifications

- Kubernetes temelleri - Udemy
- AWS & DevOps Certification - Clarusway