

**MUSTAFA KURT**

**DEVOPS ENGINEER**

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**SUMMARY**

Having 5+ years of experience in IT and 1+ in **DevOps** passionate about automation of IT processes. Junior expert in designing and building effective **Continuous Integration and Delivery (CI/CD) pipelines** using **containerization**, **orchestration**, **monitoring**, infrastructure automation tools, configuration management tools, and **AWS** solutions. Able to use **Jira** as a project management tool and agile methodology as a project management method. Highly adaptable, flexible professional DevOps engineer who embraces teamwork. Armed with remarkable problem solving, multitasking, and time management abilities.

**Kubernetes Microservice Applications:**

Several Microservice Web Applications which aims to create a web application with MySQL, POSTRESQL, REDIS AND MONGODB Databases using Docker and Kubernetes to give the understanding of Microservice architecture. In these applications, usually there is a frontend service and a backend service to interact with database services. Each application aims a different approaches for Microsoervice design and each service will be managed by a Kubernetes deployment. The backend service will be a gateway for the application, and it will serve the necessary web pages for create, delete and update operations while the frontend service will serve a search page in order to conduct read operations.

**Bookstore API:**

Bookstore Web API Application with MySQL created a bookstore web service using Docker for containerization of an application. The application code is deployed as a RESTful web service with Flask using Dockerfile and Docker Compose on AWS EC2 Instance using Terraform.

**Phonebook Application:**

A Phonebook Application is created in Python and deployed as a web application with Flask on AWS Application Load Balancer (ALB) with Auto Scaling Group (ASG) of Elastic Compute Cloud (EC2) Instances and Relational Database Service (RDS) using AWS Cloudformation Service.

**Kittens Carousel Static Website:**

Kittens Carousel Static Website application deployed with Apache Web Server on AWS Elastic Compute Cloud (EC2) Instance using AWS Cloudformation Service.

**EDUCATION**

**Gazi University**

Sep 2016 - July 2021

Computer Engineering

**CERTIFICATIONS**

* CISCO CERTIFIED NETWORK ASSOCIATE

**LANGUAGES:**

* English : Upper-Intermediate
* Russian : Beginner