



Ömer Faruk Ulusoy

COMPUTER ENGINEER

About me

I graduated in Computer Engineering from Kocaeli University. I am interested in software development, cloud computing and DevOps. I have worked on various projects about modern microservice applications on Spring, NestJS, go etc.

I have hands on experience with SpringBoot, ReactJS, Kubernetes, ArgoCD, Jenkins, Terraform and other CI/CD tools.

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Skills

- Java
- Spring Boot
- C
- NestJS
- Golang
- Docker
- Kubernetes
- Terraform
- AWS & Azure
- Jenkins
- OpenCV
- Arduino, FPGA
- GraphQL
- ArgoCD
- VRA and VRO
- vSphere
- Tanzu

Certificates

Certified Kubernetes

Administrator(CKA) –CNCF

Linux , Java – Turkcell

Spring Boot – Udemy

Languages

English – B1

Turkish

Experience

ANKASOFT SOFTWARE COMPANY

DevOps & Software Developer 11/2022 – 7/2024

I have worked on various projects about Cloud solutions.

AKSOY SOFTWARE COMPANY – Intern

Backend Developer 5/2022 – 6/2023

I have worked on ERP softwares using C# and .Net Platform

Education

(2020–2024) Kocaeli University CS(GPA 3.77)

I have GPA 3,77/4 high grade. Worked on many projects in different courses such as AI, Computer Vision and so on.

(2022–2023) Ecole 42 Kocaeli

I have successfully Completed Ecole 42 piscine with first rank on Kocaeli City. Worked on various software projects

Projects

Cloud Cost Optimization

a microservices-based application with over 51 microservices to optimise public cloud consumption and generate detailed analytics reports, adhering to FinOps standards for cost efficiency. Utilised an event-driven architecture with **Kafka** and **RabbitMQ** for real-time communication, implemented backend services with **NestJS** and **Spring Boot**, and managed data with **PostgreSQL**. Integrated a **GraphQL** API for flexible data retrieval and established **CI/CD** pipelines for automated deployment and testing.

Kubernetes Cluster Provider

A microservices-based application designed to accelerate the Kubernetes deployment phase for organisations, providing a flexible and scalable solution that efficiently deploys worker and control plane nodes as needed. The application uses **Golang** for back-end services and **React** for the front-end, while leveraging **vSphere**, **vRA** and **vRO** for infrastructure management.

Kubernetes Cost And Usage Automation

An application designed to monitor existing Kubernetes clusters for organisations, providing detailed reports on cluster usage and costs. The solution uses a **NestJS** agent service, along with **Prometheus** exporters, to collect metrics from the Kubernetes environment. An API was created to support the front-end, which was developed using React.

Public Cloud Resource Management

This application implements a dynamic resource management system that facilitates the creation, deletion, and integration of desired resources across multiple public cloud providers. Developed using **Jenkins** pipelines, it efficiently integrates and pulls **Terraform** modules stored in Git repositories, ensuring effective provisioning and management of cloud resources.