

Ali Güneş

hello@aligunes.dev | aligunes.dev | github.com/ali-gunes

Skills

Languages: .NET, Java, Python, C, C++, Typescript

Database: MySQL, MSSQL, MongoDB, SQLite, Redis

Web Frameworks: ASP.NET, Spring Boot, Node.js, React, Django, Flask, Blazor

Scientific Computing: Numpy, Pandas, Matplotlib, Scikit-Image

Tools: Git, Docker, RabbitMQ, Kafka, Elastic, Kibana, Grafana, AppDynamics

Experience

Software Developer, ATP – Istanbul, Türkiye 2022 – Present

- Designed, developed, and maintained microservices architecture to enhance the scalability and flexibility of carrier tracking algorithms and online order systems. Implemented RESTful APIs and utilized containerization technologies such as Docker and Kubernetes for seamless communication and deployment
- Pioneered the successful integration of ATP Zenia order processes with leading food delivery platforms and industry giants such as YemekSepeti, Trendyol, Getir, and Migros
- Led the conceptualization, design, and execution phases of SmartBox, a food container first in industry, collaborating closely with managers, audit teams, security teams, and DevSecOps to identify requirements and address industry challenges
- Successfully modernized legacy .NET Framework applications by integrating them into the modern .NET Core platform, achieving enhanced performance, optimal resource management, and a significant reduction in errors. This involved meticulous adherence to architectural patterns and industry best practices
- Integrated monitoring and logging solutions (ELK stack) to monitor performance and troubleshoot issues within the microservices environment. Conducted regular code reviews and implemented best practices for development to ensure code quality, maintainability, and adherence to architectural standards

Transmission Network Intern, Turkcell – Istanbul, Türkiye 2021 – 2021

- Proposed and presented an AI-backed app named Socials with a team to Turkcell's CXOs, achieving 4th place in the competition
- Orchestrated the planning of radio link bases and access points for a refugee camp on the Gaziantep-Syria border, conducted mapping of rain events to mitigate vision loss on radio links and LTE infrastructure
- Automated the process of pinning over 3500 network stations on the map for the South-West region of Türkiye

Engineering Intern, Mondi Group – Istanbul, Türkiye 2021 – 2021

- Led continuous improvement initiatives, developing production efficiency flowcharts, attempting to implement Six Sigma methodology, and leveraging computer vision with machine learning to reduce on-site production defects

Projects

Detection of Breast Cancer using Mammogram Images github.com/ali-gunes/dobc

- Achieving a remarkable 92% success rate out of 54,000 data samples through advanced image processing, segmentation, classification algorithms, and Python-based machine learning techniques, while adhering to ethical standards and utilizing publicly available datasets such as MIAS Database, CBIS-DDSM, and Digital Mammography Dataset

Duel of Champions – a Smart Contract on NEAR Blockchain github.com/ali-gunes/near-doc

- Successfully implemented a decentralized combat game, providing an engaging and transparent gaming experience on the blockchain. Enhanced understanding of blockchain development principles and smart contract architecture through practical application

Image Manipulator github.com/ali-gunes/image-manipulator

- Utilized NumPy, SciKit-Image, and Matplotlib to implement diverse image manipulation techniques including conversion, segmentation, and edge detection algorithms and designed a modern user interface with essential functions, optimizing user experience and efficiency

Education

Eskisehir Osmangazi University – B.Sc. in Electrical & Electronics Engineering

2024