



Murat Eker

Computer Engineer

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Summary

Computer Engineer specializing in AI, Backend and Server Side Systems. Fluent in Python, comfortable with Docker and Linux, a strong believer in the open source ecosystem, and driven by complex problems that require building to learn. Experienced in leveraging AI tools and agents to accelerate development workflows and boost productivity. Open to all junior-level opportunities across Türkiye and Germany, including remote and hybrid roles.

Education

Adana Alparslan Türkeş Science and Technology University
Computer Engineering
<https://compeng.atu.edu.tr/>

Bachelors Degree
Adana • Sept 2021 to Feb 2026

Experience

Adana Alparslan Türkeş Science and Technology University
Intern

Adana
Feb 2025 to Feb 2026

Assisted in network infrastructure tasks, including the preparation of Cat5 cables and the installation of Access Points. Facilitated administrative communication and provided guidance to visitors on behalf of academic staff. Contributed to the maintenance and updating of academic documentation, including internship guidelines and administrative regulations. Reference: Lecturer Sami Heybet - sheybet@yahoo.com - linkedin.com/in/sami-heybet-65ab6499
<https://bilisimtekmyo.atu.edu.tr/#/>

Teknology House Software
Intern

Adana
Jul 2024 to Oct 2024

Integrated Elasticsearch to replace SQL-based search backends on client websites, ensuring faster and scalable performance.
<https://www.teknologyhouse.com/>

Yılsan Construction
Office Worker

Adana
Aug 2020 to Jun 2023

Projects

Elasticsearch Search Engine Integration

I compared the SQL-based search infrastructure to a high-performance Elasticsearch architecture for a customer website, prototyping with Python and integrating it with C# .NET. I used Kibana for index management, significantly improving search speed and optimizing server load.

Fruit Detection Project

An AI-powered system that detects fruits and classifies them as fresh or rotten using a hybrid of two models. It is an end-to-end project with a Python-based backend and a web-based user interface

Heart Attack EDA and Prediction

This project demonstrates exploratory data analysis (EDA) and prediction modeling on a heart attack dataset to identify risk factors and predict the likelihood of a heart attack with an impressive accuracy of 88%. The notebook is hosted on Kaggle and serves as a comprehensive guide to understanding the dataset and building machine learning models for medical predictions.

Gopak E-commerce Website

This project is a website developed for a nonwoven bag manufacturer for customer communication and product promotion. A responsive design and user-friendly interface have been created using modern web technologies.

Skills

🔗 Python (Intermediate / Mid-level) • Go (Beginner) • Elasticsearch / Kibana • C# (Beginner) • SQL / Postgres • Java (Beginner) • Dock

Languages

Türkish
Native

English
B1

German
A2