

Ahmet Enes ÇİL

Computer Engineer

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Summary

As a Computer Engineering graduate, I am well-versed in the defense industry culture and aim to contribute to system development, integration, and software engineering processes within this field. Throughout my academic and project experience, I have gained expertise in artificial intelligence, mobile application development, and web technologies, developing a versatile engineering perspective that integrates multiple technologies. By working on projects addressing real-world problems, I have advanced my analytical thinking, scalable software design, and technical problem-solving skills to a high level.

Skills

Frontend

- React.js
- Tailwind CSS, Sass/SCSS
- JavaScript (ES6+)

Backend

- .NET Core, Entity Framework Core
- Node.js, Express.js
- RESTful APIs
- Spring Boot
- Python

- Java

- C#

Database

- SQL Server, Oracle SQL
- PostgreSQL, MySQL
- MongoDB

Tools & DevOps

- Git, Github
- Postman, Swagger

Experience

Candidate Engineering, 12/2024 – 05/2025

TUSAŞ - Turkish Aerospace Industries, Ankara – Türkiye

- Developed a Python-based TypeTableGenerate script to process incoming signals from a helicopter. Structured and formatted the signal data to ensure seamless integration and usability within the system architecture.

Candidate Engineering, 12/2023 – 05/2024

TUSAŞ - Turkish Aerospace Industries, Ankara – Türkiye

- I designed and implemented a file transfer and real-time communication system using C# without relying on a database. I was actively involved in software testing and debugging phases to ensure system reliability and performance.

Full-Stack Web Development Intern, 08/2024 – 09/2024

BOTAŞ, Ankara – Türkiye

- Developed a full-stack web application for enterprise device tracking and management. Built the backend using .NET and Microsoft SQL Server for robust data processing and management. Implemented the frontend with HTML, CSS, and vanilla JavaScript. Designed and developed intuitive user interfaces and interactive dashboards to visualize corporate device data. Ensured seamless integration between backend and frontend components to support efficient and reliable device monitoring.

T.C. Sayıştay Başkanlığı (Turkish Court of Accounts), Ankara – Türkiye

- Utilized Microsoft SQL to analyze and generate reports from large-scale datasets. Developed data-driven business intelligence solutions addressing capacity, energy, and performance metrics.

Education

Karabük University – Karabük, Türkiye 2020 - 2025
Bachelor’s Degree in Computer Engineering (3,36 GPA)

Projects

Face Recognition Attendance System

- Developed an intelligent system using OpenCV and Python to detect and match faces within a dataset, automating attendance processes and enhancing accuracy.

Brain Tumor Detection System

- Developed an AI model using Python and deep learning to detect brain tumors from MRI scans. Utilized NVIDIA CUDA for GPU acceleration during training and implemented high-performance data processing to optimize accuracy.

Web-Based Annual Leave Management System

Live: <https://people.pavza.net/>

- Developed a web-based Annual Leave Management System using React.js and JavaScript. Enhanced user interfaces and interactive dashboards with libraries and tools such as Redux, Axios, and React Router to ensure state management, seamless API requests, and smooth navigation. Achieved reliable leave tracking and management through seamless backend integration.

Certifications & Volunteering

Database Design and Database Programming with SQLORACLE	Comprehensive Research Techniques-TUSAŞ
COMPREHENSIVE RESEARCH TECHIQUES-TUSAŞ	Experience Engineering Fundemantal in Turkish Aerospace-TUSAŞ
ENGINEERING FUNDAMENTALS IN TURKISH AEROSPACE-TUSAŞ	SKY Experience Internship Program-TUSAŞ 2024-2025
SKY Experience Internship Program-TUSAŞ 2023-2024	JAVA ile Programlamaya Giriş BTK AKADEMİ
MACHINE LEARNING -TUSAŞ	Uygulamalarla SQL Öğreniyorum
OPERATIONAL ANALYSIS-TUSAŞ	Uygulama Tabanlı Derin Öğrenme TURKCELL AKADEMİ

❖ Core Member, Google Developer Student Club (January 2023 – 2025)