

AYHAN TAHA PASTUTMAZ

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I am a Computer Engineering graduate focused on building user-centered and scalable digital products. I develop end-to-end web applications, turning ideas into functional solutions by designing intuitive interfaces and building reliable systems behind them. I enjoy solving real-world problems, improving performance, and creating smooth user experiences. I am also exploring intelligent and data-driven systems, aiming to build applications that are not only functional but also smarter. I have basic experience in mobile development and work towards creating consistent experiences across different platforms.

EXPERIENCE

JULY 2024 – AUGUST 2024

BACKEND DEVELOPER INTERN — FİNEX TEKNOLOJİ

I worked as a Backend Developer Intern, where I was involved in SQL and MS SQL Server development. I also performed API and CRUD operation testing using tools like Postman, gaining hands-on experience in backend workflows and system validation.

JULY 2025 – SEPTEMBER 2025

BACKEND DEVELOPER INTERN — STRATEASY

I contributed to web application development processes using ASP.NET Core, working within a layered architecture (Service, Model, and Controller). I was involved in SQL database operations, performing CRUD tasks and supporting data management processes. I conducted API endpoint testing and error handling using Postman, assisted frontend development when needed, and participated in version control and project tracking using GitHub.

EDUCATION

2021-2026

COMPUTER ENGINEERING (ENGLISH), ANKARA MEDIPOL UNIVERSITY

RELEVANT COURSEWORK:

Discrete Structures, Algorithms and Complexity, Computer Architecture, Computer Programming II: B+ (3,54), Software Engineering: B (3,33), Data Science, Database Management Systems, Computer Architecture

SKILLS

FRONTEND & MOBILE	REACT.JS, TYPESCRIPT, REACT-NATIVE, REDUX TOOLKIT, STREAMLIT , TAILWIND CSS, VITE, HTML5/CSS3.
BACKEND & RUNTIME	NODE.JS, EXPRESS.JS, JAVA, SPRING BOOT, FASTAPI, .NET ASP.NET CORE, SOCKET.IO.
AI & DATA HUB	PYTHON, MACHINE LEARNING, LLM, MYSQL, PANDAS, NUMPY, MONGODB, FIREBASE.
TOOLS & DEVOPS	GIT/GITHUB, POSTMAN, NPM, EXPO, VS CODE.

PROJECTS

FULL STACK DISCORD CLONE

TECHNOLOGIES: TYPESCRIPT, REACT.JS, NODE.JS, EXPRESS.JS, MONGODB, SOCKET.IO, TAILWIND CSS, LIVEKIT

Developed a Discord Clone that allows users to create and join servers, send messages, and interact with each other.

EARTHQUAKE DAMAGE DETECTION

TECHNOLOGIES: PYTHON, FASTAPI, UVICORN, CHEMY, REACT , TENSORFLOW, SCIKIT-LEARN, NUMPY, SCIPY

Developed a full-stack web application that uses the Google Earth Engine API and TensorFlow to automatically detect structural damage from satellite imagery. Built with a high-performance FastAPI backend and a modern React frontend, the platform enables real-time visual analysis and efficient processing of geospatial data

FULL STACK MUSIC APP

TECHNOLOGIES: REACT.JS, NODE.JS, EXPRESS.JS, MYSQL, TAILWIND CSS

Created an E-commerce website that allows users to buy and sell products

FULL STACK SOCIAL MEDIA

TECHNOLOGIES: REACT.JS, NODE.JS, EXPRESS.JS, MONGODB, TAILWIND CSS

Created a social media website that allows users to create and share posts, and interact with each other.