

R. Çağlayan Demirci

Software Engineer

Passionate about designing modern and aesthetically pleasing solutions, I enjoy creating systems that operate seamlessly within a framework of scientific logic. With a creative mindset and a keen eye for detail, I thrive on combining innovative ideas with practical functionality to deliver impactful results.

Contact

📍 Ankara, Türkiye 📞 +90 545 243 5314 ✉️ [Email](#) [LinkedIn](#) [GitHub](#)

Experience

Full Stack Developer (Current Project)  Next.js  OpenAI  Prisma

Developing *HER*, an AI-powered web application designed to analyze psychiatric reactions and facilitate therapeutic conversations. Built a scalable and secure platform leveraging OpenAI for intelligent response generation.

Full Stack Developer  Next.js

Designed and built an SEO-optimized website for a bariatric surgeon, delivering a seamless and responsive user experience across web and mobile platforms.

Frontend Developer  React  Tailwind CSS

Infdex (Social Media Tracking Platform)

Contributed briefly to a real-time analytics platform tracking 100,000+ social media accounts. Delivered pixel-perfect user interfaces with dynamic data.

Frontend Developer  Vue.js

Bukurs (Online Education Platform)

Contributed briefly to a multilingual education platform similar to Udemy. Maintained smooth functionality with JSON for language switching.

Intern Full Stack Developer  Django  SQLite  Leaflet

CRAFX

Built a web application with an open-world map to locate and mark EV charging stations in Türkiye for a small company where I joined as an intern. Designed the map interface using Leaflet and implemented the app with Python's Django.

Projects

Been and Mark  Django  SQLite  Leaflet

After consulting with my supervisor at CRAFX, I created an application inspired by my internship project. Developed a web application where users can mark the places they have visited on a world map and add photos and text as memories of those locations.

[Repo](#)

Image Analysis with Quadtree Data Structure  Java

Developed a Java-based Quadtree algorithm for pixel-level analysis of PPM images. Implemented features like compress, color inversion, monochromatic effects, and edge detection.

[Repo](#)

Skills

Web Development

Expertise in JavaScript frontend frameworks and HTML&CSS. Also experienced with JavaScript and Python backend frameworks. Proficient in building responsive applications with strong and modern designs.

 JavaScript  HTML5  CSS3  Next.js  React  Node.js

General Programming & Organization

Proficient in Python and Java for general-purpose programming. Skilled in using Git and Markdown for software and content creation.

Also since I am familiar with programs like Adobe Illustrator and Procreate, I have created digital illustrations, such as logos, icons or visual designs, for most of the projects I participated in.

 Python  Java  Git  Markdown  Illustrator

Education

- B.Sc. in Software Engineering - Atılım University, 2023
- B.Sc. in Computer Engineering (incomplete) - TOBB University of Economics and Technology, 2021
- High School - Ankara Atatürk Anadolu Lisesi

Languages

- Turkish - Native
- English - Fluent
- German - Beginner-Intermediate (Studied for 4 semesters at TOBB ETÜ)

Extracurricular Activities

- Chairman of the University Rock Music Community (TOBB ETÜ)
- Program Host at the University Radio Station (TOBB ETÜ)
- Bass player at various bands.

Downloaded from the personal web page

caglayan.vercel.app/cv 