ARDA DEMIRKIRAN

+90 544 601 78 16 · dev.ardadk@gmail.com · LinkedIn · GitHub

Summary

I am a 3rd-year Computer Engineering student at Trakya University. I have been immersed in computers since childhood and involved in software development since high school. Along with my proficiency in Python, GoLang, JavaScript, Java, SQL, and C, I have worked with frameworks such as GoLang Fiber, Spring, React, and Django. Advancing in Artificial Intelligence and Full-Stack fields, I work on Full-Stack Web Development, Data Science, Machine Learning, Deep Learning, Computer Vision, and Generative AI. I take on freelance work and create creative projects in these areas. I am a self-improving individual, open to learning, and eager to provide value.

Experience

Trakya University IT Department Edirne / Turkey

Full-Stack Developer (Go, React, JavaScript, MySQL, TypeScript, C#, MSSQL) 2024 December – Currently

- I am a core member of the **Kampüs 4.0** project, an ongoing application developed for our university. This platform enables students to perform electronic attendance, view events and news, and manage their enrolled courses. Provided technical support to officers, students and academicians. I took an active role in the development phases of projects aimed at improving university operations (e.g., **Trakya-Hijyen**).
- I assisted in the integration of the **new Student Information System** and the **new Bologna Process**. I played an active role in **internal automation applications**. I provided technical support to students and faculty members experiencing issues with the **Kampüs 4.0** application.

Education

Trakya University, Bachelor's Degree, Computer Engineering, 2023 – Currently

- It's a comprehensive undergraduate program in Computer Engineering, focusing on software development, algorithms and computer systems.
- I currently serve as a Co-organizer of the GDG on Campus Trakya University club. I have effectively taken on every role, including on the organizing team. I have been involved in organizing numerous software events, notably **DevFest '24-DevFest'25 Edirne**. I played a key role in event coordination, stakeholder sponsorship efforts and AI product initiatives.

Projects

- **Kampüs 4.0 - Trakya Hijyen – Automation (Go, React, JavaScript, MySQL, TypeScript, C#, MSSQL)**
  Developed under the Trakya University Directorate of Information Technology. I contributed to the Database, Backend and Frontend development.
- **MeetApp (Go, React, PostgreSQL, Supabase, webRTC)**
  End-to-end developed online meeting platform enabling real-time video and audio communication. Delivered a responsive UI with React and leveraged Go's high performance for backend services. Integrated PostgreSQL for reliable data management and utilized WebRTC protocols for low-latency streaming.
- **Question for AI (Python-TTS-DeepFake)**
  A DeepFake-based application that generates ChatBot responses with cloned voice and synchronized lip movements using an uploaded face video and audio recording. Leveraged this project in interactive demonstrations to successfully recruit and register **1,000+** students to the **Google Developer Groups (GDG) on Campus Trakya University**.
- **MyMUN (Java, React)**
  A web-based MUN simulation where players act as country delegates, debate global issues, choose policies and score points by balancing economy, welfare and diplomacy.
- **MyFace (Python)**
  It's a facial recognition application I built myself. The user enrolls their face, and verification is done by comparing the captured data with the enrolled data. It can be integrated into many applications.