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EXPERIENCE

TÜBİTAK STING Project , Frontend Developer & Researcher

February 2025– Present

Süleyman Demirel University, Turkey | PI: Dr. Utku KOSE | TÜBİTAK 1001 Project

I am developing the Flutter-based web application of the system in the project. I created an optimized working structure by thinking through structures such as data communication, running mathematical models, and running GNNs using FastAPI and RESTful architecture on the backend. While the GNN model was being developed, I had the chance to gain in-depth experience regarding GNN by helping of my own accord. I am meticulously developing important parts such as UI and UX according to the outputs of all stages.

Flutter Developer & Co-Founder , Konwoy

February 2025– November 2025

At Konwoy, as a Co-Founder and Flutter Developer, I managed the MVP development stage of a mobile application with logistics processes for private chauffeur rental. I optimized the user and reservation structure centrally using the Provider architecture for state management and integrated real-time data and notification systems with Firebase services. While developing live location tracking and dynamic pricing modules via Google Maps API using Selector and Consumer structures to increase performance, I also took an active role in product vision processes.

Flutter Developer Intern , Newky (Texinsight Teknoloji A.Ş.)

June 2025– August 2025

As a Flutter Developer Intern at Newky, I worked on the UI and logic processes of a 9-screen application flow using MVVM architecture and Provider state management. I established a centralized navigation infrastructure with Go_router and integrated live location tracking via Google Maps API and QR Code Scanner modules into the application. While paying special attention to performance optimization with flutter_hooks and responsiveness with MediaQuery, I also followed the project management process using Agile (Kanban) methodology via Jira.

PROJECTS

DermaScope – AI-Powered Dermatology Application

I developed a mobile health solution that integrates CNN-based deep learning models with the Google Gemini API in a hybrid structure to perform skin and hair analyses. I established a high-security RESTful backend architecture using FastAPI, SQLAlchemy, and JWT, while building the frontend with Flutter to be compatible with asynchronous data flow. By providing cloud-based image management with Cloudinary, I managed all processes from UI/UX design to database schema with a "full-stack" perspective.

Stayzi – Short-Term Rental Application

Within a multidisciplinary team, I designed the technical infrastructure of an end-to-end marketplace platform that digitizes short-term accommodation processes. I optimized the application to run with high performance on iOS and Android platforms using Flutter. While working on asynchronous reservation flows and secure payment system integrations, I managed requirements analysis, system design, and technical presentation processes, taking active responsibility across all stages of the software development life cycle.

ADDITIONAL INFORMATION

Languages:

- English: B1 Level (Competency in technical documentation and literature review).
- Turkish: Native

Awards:

- Next2Green Tasarım Yarışması – Üniversite Kategorisi Birinciliği (Ekim 2025).