Mert Erim

Senior Flutter Developer

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About Me

Senior Flutter Developer with 5+ years building high-impact AI-powered mobile applications. Full-stack development experience on Mozart AI and Boby AI serving 1M+ combined active users. Deep expertise in Flutter, AI/ML model integration, backend architecture, and scaling systems from zero to production.

Experience

Senior Flutter Developer (Full-Stack) · Boby.ai

September 2024 - Present | Istanbul, Türkiye Remote

Full-stack development of AI-powered mobile applications serving 1M+ combined active users across Mozart AI and Boby AI products. Built production ML pipelines integrating 10+ open-source models (ComfyUI, Z image, LTX-2, WAN 2.2 etc.) for real-time AI generation. Architected Flutter apps from scratch, implemented FastAPI backends, Redis-based queue systems, and GPU infrastructure on AWS. Deployed cross-platform apps to App Store and Google Play with Firebase/Supabase integration.

Tech Stack: Flutter,Python (FastAPI), ExpressJS ComfyUI, Redis, AWS, CDN, Hetzner, Firebase, Supabase, Docker, NextJS,

Flutter Developer · TELLME

March 2022 - April 2024

Built federated business communication platform with cross-platform Flutter apps. Implemented real-time messaging, Firebase integrations, and CI/CD pipelines. Led junior team members and deployed to production stores.

Tech Stack: Flutter, Firebase, Docker, Keycloak, Fastlane

Flutter Developer (Volunteer Project) · TOG Genç Kart

October 2023 - September 2024

Built volunteer management mobile application with dual interfaces for volunteers and administrators. Implemented activity tracking, attendance system, QR code generation, and real-time notifications. Deployed to Google Play with Node.js/Express backend and MongoDB.

Flutter Developer (Side Projects for TELLME) · Alberen

August 2023 - December 2023

Developed multiple Flutter applications: taxi POS onboarding system for driver registration, and fleet tracking app with real-time location monitoring and revenue reporting. Built Node.js/Express backends with MongoDB, Firebase integrations, and automated CI/CD pipelines.

Full Stack Developer · FOODBAKS

January 2020 - November 2021

Built QR menu system for restaurants with React web app and React Native mobile app. Implemented Node.js/Express backend with MongoDB and Redux state management.

Skills

Mobile Development: Flutter, Dart, React Native, State Management (Provider/Bloc/Redux)

Backend & Infrastructure: Node.js, Express.js, FastAPI, Redis, MongoDB, MySQL, Docker

AI/ML: ComfyUI, Z image, LLM Integration, GPU Infrastructure (AWS EC2), Model Deployment

Cloud & DevOps: Firebase, Supabase, AWS (EC2, S3, Lambda), CI/CD (Fastlane), Git

Architecture: MVVM, Microservices, Event-Driven Systems, Queue Management, Real-time Streaming

Education

Ondokuz Mayıs University · Computer Engineering

2019 - 2023

Mersin University · Computer Programming

2017 - 2019