

Ali Alperen Derici

Computer Engineer

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Summary

- Software Developer with a record of turning startup ideas into production-ready web, mobile, desktop, and cloud solutions. Guided by clean-architecture principles, AI-assisted workflows, and strong Flutter expertise, I build scalable, maintainable products from first concept through release and continuous improvement.

Education

2017 - 2022 **BSc Computer Engineering**, Izmir University of Economics - Izmir, Turkey

- Started my Flutter journey under the mentorship of Gazihan Alankuş (Google Developer Expert).
- For my thesis project (in a group), developed a customizable mobile app using Flutter, GraphQL and AWS.

Professional Experiences

Aug. 2023 - Jul. 2025 **Flutter Developer - Akıllı Konum Teknolojileri (Kanguru Aile Takip , Akıllı Ekip Takip)**

- Kanguru Aile Takip (TÜBİTAK Project)
 - Developed the Flutter mobile app (iOS / Android) and its Flutter web admin panel.
 - Took an active role in TÜBİTAK processes drafting question set documents, prepared review material, and joining evaluation board meetings.
 - Started on Firebase and later contributed to the migration to Supabase (Auth, Realtime DB, Storage, Edge Functions).
 - Added sensor support by writing Android MethodChannel plugins that stream native data into Flutter.
- Akıllı Ekip Takip
 - Delivered a Flutter Web workforce tracking dashboard using shared repositories and code generated Dart models from Supabase SQL.
 - Integrated common TypeScript Cloud Functions for real-time geofencing and alerts on both projects.
 - Collaborated on the Generative Common initiative, aligning shared UI components across mobile and web products.

Apr. 2024 - Jun. 2024 **Flutter Developer - Boly**

- Volunteered for optimization and improvement enhancements in the Boly app.
- Changed state management from Mobx to Bloc, fixed bugs, and added features.

Jun. 2023 - Aug. 2023 **Flutter Developer Intern - Mobilist - (Amber, Boom360, Turksat, ParaKolay)**

- Contributed to Borusan (Boom360), Türksat, ParaKolay, and Amber projects through debugging, feature additions, and general improvements.
- Acquired insights into project team dynamics, work environment, and technology stack including Flutter Riverpod, Freezed, and more.
- Collaborated on the Amber loyalty app, managed bilingual UI (Arabic and English), and fostered skill growth by overcoming associated challenges.
- Followed Agile methodology with a Sprint approach. I used tools like Jira, Confluence, Postman, Figma, Slack, Bitbucket, and SourceTree to manage and collaborate on the project efficiently.

Feb. 2022 - Mar. 2022 **Flutter Developer Intern - Appy Ventures**

- Developed a responsive mobile application using the bloc pattern, focusing on creating a minimum viable product (MVP) to meet project goals.

Jun. 2021 - Nov. 2021 **.NET Team / Intern - NTT Data Business Solutions Turkey**

- Initiated learning .NET Core from the ground up. Successfully completed basic mobile tasks to apply newly acquired skills.
- Successfully completed various UI tasks in Flutter to apply and showcase newly acquired skills.

Projects

Fitgo - Mobile Fitness Platform ([Link](#))

- Tubitak project in progress, working on MVP that connects trainers and athletes via personalized workout plan. Flutter with domain driven design, riverpod, riverpod hooks, freezed and supabase as backend service.

To Do for adhd - 361. ([Link](#))

- Rebuilt an iOS app in Flutter for cross-platform support, integrating AI features and third-party SDKs including Meta, Adjust, Superwall, and RevenueCat.

Fortune App - Hygge Skin Art ([Link](#))

- Web application developed with React JS. Admin Panel and User side operations with generic spin wheel. (version 2 in active development)

QR App For Businesses (Machine Industry)

- Next.js + Tailwind web app that shows documents and media via QR codes, supports Drive API or Firebase back-ends, and offers role-based auth with modular customization.

Skills

- Languages & Frameworks:** Dart / Flutter · JavaScript / TypeScript · React (+Next.js) · Node.js · Java & Kotlin (Android) · Python · C#
- Architecture & Patterns:** Advanced Flutter Design Patterns with Riverpod (Layered Architecture, Repository Pattern, Domain-Driven Design, MVVM) · Clean Architecture · SOLID principles
- AI-Enhanced Workflow:** Augmented Code · GitHub Copilot · Cursor IDE · ChatGPT / OpenAI APIs · Automated test & doc generation
- Cloud & Data:** Supabase (Auth, Storage, Edge Functions) · Firebase (Auth, Firestore, Functions, Messaging) · REST & WebSocket APIs · GraphQL basics · Hive · SQLite
- DevOps & CI/CD:** Git · GitHub Actions · Codemagic · Bitbucket Pipelines · Fastlane · Unit / Widget testing · Flutter DevTools
- Platform Integration:** Custom Android plugins for Flutter · Native SDK integration (Payments, Analytics, Push Notifications) · Meta, Adjust, Superwall, RevenueCat SDKs
- Collaboration & Tools:** VS Code · Android Studio · Xcode · Jira · Confluence · Slack · Postman · Figma · Notion
- Methodologies:** Agile/Scrum · Test-Driven Development · Feature-based repo structuring · Code review & mentoring

Certificates and Trainings

- Techcareer.net - Flutter Bootcamp : Designed and implemented a menu application utilizing the cubit state management approach.
- Google Developer Group's Events - Attendee : GDG Izmir Devfest, Woman Techmakers Izmir, GDG Manisa Devfest, Google DSC Galatasaray Club Flutter Camp, Google I/O Extended Izmir
- Cloud Jam a Thon, Hack'N Break

Hobbies

Generative Art, Film Photography, Discover new places and flavors, Coffee Enthusiast.

Languages

- Turkish (native)
- English (B2 - Upper Intermediate)
- Spanish (A1 - Basic User)