

Bilal Aksoy

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Software engineer specializing in Flutter and Dart, with 3+ years building mobile apps that hold up in real-world use. Grounded in durable CS and engineering fundamentals rather than passing trends, with a focus on UI/UX and the product decisions behind each feature, not just the implementation.

Skills

Mobile (Flutter & Dart): cross-platform mobile, Riverpod state management, responsive UI architecture, Stripe & RevenueCat payments/subscriptions, Firebase & REST integration, App Store & Google Play releases

Engineering: OOP & SOLID, data structures & algorithms, architecture & design patterns, modular & testable code, problem-solving, AI-assisted development (Claude Code, Codex)

Dart beyond mobile: Serverpod (Dart backends), Jaspr (Dart SSR web, contributor)

Also work with: TypeScript, Python (Firebase Functions, linear programming), Next.js, SwiftUI, Jetpack Compose, React Native / Expo

Experience

Software Engineer, GBot Software Consultancy – İzmir, Türkiye (Remote) Dec 2023 – Present

- Built **GoodieFood**, a U.S. K–12 school-lunch platform, delivering admin, operator, and parent apps in Flutter on a Serverpod (Dart) backend
- Rewrote **Shas Illuminated**, a Talmud study app, redesigning its architecture and core UI to cut startup and load times by up to 40%
- Shipped products across domains: a Python linear-programming optimizer for fertilizer planning (**GrowMore**), real-time QR-code tipping (**DropLove**), and a legacy PHP-to-Firebase migration (**Change2Go**)
- Integrated payments and subscriptions (Stripe, RevenueCat) and managed App Store and Google Play releases across client apps
- Collaborated on product and UX decisions alongside Google Developer Expert Gazihan Alankuş

Flutter Developer, GBot Software Consultancy – İzmir, Türkiye (Remote) Jan 2023 – Dec 2023

- Built and shipped Flutter features across client apps as an intern, earning a full-time engineering role

Projects

flutter_stripe — open-source contribution PR #2395 (merged)

- Fixed `collectBankAccount / verifyMicrodeposits` returning the wrong type by introducing a sealed `CollectBankAccountResult` union, so both response shapes deserialize correctly

Jaspr — open-source contribution PR #727 (merged)

- Added component-level tests for elements containing inline SVG and raw HTML to the Dart SSR web framework that also powers this portfolio

biaksoy.dev — personal portfolio biaksoy.dev

- Designed and built a single-page, accessible, light/dark portfolio as a Jaspr static site with Tailwind CSS v4

aerial-dynamic-wallpaper github.com/BiAksoy/aerial-dynamic-wallpaper

- Built macOS Tahoe aerial wallpapers as solar-dynamic HEIC files that rotate with the sun's position (Swift)

Education

İzmir University of Economics – B.Sc. in Software Engineering Oct 2020 – Jul 2024

- Capstone **Bolt Sports**, an ice-hockey training app gamified with BLE IoT devices — 1st place in Education, Entertainment & Gaming at Genç Beyinler Yeni Fikirler 2024; advised by Asst. Prof. Gazihan Alankuş