Ahmed Maher

Software Engineer | Mobile & Full-Stack

Cairo, Egypt

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Professional Summary

Software Engineer with 1+ year of professional experience building production mobile applications and hands-on full-stack development experience. Experienced with TypeScript, JavaScript, React, React Native, Node.js, Express, PostgreSQL, REST APIs, and real-time systems. Independently built and deployed a full-stack ride-hailing platform with real-time matching, transactional workflows, payments, and a React admin dashboard.

Technical Skills

Languages: TypeScript, JavaScript, Dart, SQL
Frontend: React, React Native, Expo, Flutter, REST APIs, Responsive UI, Localization
Backend: Node.js, Express, Prisma, REST API Development, Socket.io
Databases: PostgreSQL, MongoDB, SQLite, Hive
Architecture & State: Clean Architecture, BLoC, Cubit, Riverpod, Provider, MVVM
Services: Stripe, Firebase, Supabase, Clerk, Google Maps, Google Places, Google Routes
Infrastructure & Tools: Docker, Railway, Vercel, Git, GitHub

Work Experience

Flutter Developer Nov 2025 – Present
ZeroOneZ (Full-Time) Alexandria, Egypt

- Developed and maintained production mobile applications across booking, e-commerce, and marketplace products, integrating REST APIs and implementing responsive user interfaces.
- Owned end-to-end delivery of EGIV (gaming rooms & capsule booking), implementing authentication, reservation workflows, Google Maps/GPS integration, pagination, localization, and responsive UI.
- Implemented cart functionality in Raval and contributed to Tajeer Mart by building responsive mobile UI for inventory, pricing, booking, order lifecycle, and notification workflows.
- Applied Clean Architecture with BLoC and Riverpod to maintain scalable codebases; refactored existing features and improved application performance.
- Collaborated with backend developers and UI/UX designers to translate requirements and designs into maintainable production features.

Flutter Developer Feb 2025 – Apr 2025
Cellula Technologies (Internship) Cairo, Egypt

- Integrated Google Gemini API for AI-powered features and implemented Firebase Authentication and Cloud Firestore for authentication and real-time data.
- Built responsive Flutter interfaces using Clean Architecture and BLoC while consuming REST APIs.
- Participated in Agile development, code reviews, debugging, and collaborative development using Git.

Projects

Drivo – Case Study
React Native, Expo, TypeScript, Node.js, Express, PostgreSQL, Prisma, Socket.io, Stripe, Docker

- Built and deployed a full-stack ride-hailing platform with React Native rider/driver clients, a React admin dashboard, and a shared TypeScript/Express API backed by PostgreSQL and Prisma.
- Engineered real-time nearest-driver matching with sequential 20-second offers, radius escalation, transactional offer expiration, and Socket.io location tracking with heartbeat monitoring.
- Designed and enforced a server-side ride state machine covering the complete trip lifecycle, with backend-controlled cancellation and payment rules.
- Integrated Stripe PaymentSheet and Stripe Connect with webhook-driven payment reconciliation; deployed the Dockerized backend on Railway and admin dashboard on Vercel.

EGIV – Google Play
Flutter, REST APIs, Google Maps, GPS, Localization

Built and shipped a production Flutter booking application for gaming rooms and capsule rentals, implementing authentication, reservation workflows, maps/GPS integration, pagination, and Arabic/English localization.

Ecometa – Case Study
Flutter, Dart, Clean Architecture, Riverpod, BLoC, Stripe, Firebase, Supabase, Clarifai AI, NestJS

- Built a full-stack e-commerce platform with a feature-first Clean Architecture spanning 10 feature modules, integrating Firebase Auth/Firestore, Supabase Storage, Clarifai AI, Stripe, and a NestJS payment API.
- Engineered AI-powered visual search with confidence filtering and multi-strategy fallback matching, and a 10-step Stripe checkout flow with PaymentIntents, ephemeral keys, idempotency, deterministic order IDs, and failure handling.

Raval – Google Play
Flutter, REST APIs

Contributed to a production Flutter e-commerce application by implementing the cart feature and integrating REST APIs for Android and iOS.

Tajeer Mart – App Store
Flutter, REST APIs, Firebase

Contributed to the Flutter mobile application by building responsive UI for inventory, pricing, booking, order lifecycle, and notification workflows.

Education

Bachelor of Science in Software Engineering
Faculty of Computers and Information, Kafr El-Sheikh University, Egypt 2019 – 2023

Certifications & Training

- Flutter & Dart: The Complete Guide — Udemy (2024)
- Android Development Fundamentals — ITI (2022)
- Mastering Data Structures and Algorithms (C++) — Udemy (2023)

Languages

Arabic — Native
English — Professional Working Proficiency