

# ADEL MOSTAFA

Flutter Developer | Mobile Software Engineer

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[adel-portfolio-three.vercel.app](https://adel-portfolio-three.vercel.app) | [upwork.com/freelancers/adelswe](https://upwork.com/freelancers/adelswe)

## PROFESSIONAL SUMMARY

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Flutter developer with **4+** years of experience building cross-platform iOS and Android apps for clients across Egypt, UAE, Saudi Arabia, and the USA, owning the full development lifecycle from design through deployment. Specializes in real-time data architectures, state management, and offline-first solutions. **Top Rated on Upwork**, shipping production apps in healthcare, food & beverage, and government.

## EXPERIENCE

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**Flutter Developer • Full-Time** — Colada | Saudi Arabia (Remote)

January 2026 – Present

Building a cross-platform Flutter app (**100K+** iOS & **50K+** Android downloads, **1,000+** active deals across Riyadh) that helps users discover the best offers, discounts, and deals at restaurants and cafes.

- Cut cold-start time **~50%** (**~28-30s** → **~13-16s**) by deduplicating and parallelizing API calls (**24** → **17**).
- Built core features end-to-end, including a coupons and cashback system and a coffee subscription flow.
- Set up CI/CD pipelines (GitHub Actions) and delivered scalable, pixel-accurate Flutter UIs for iOS and Android.

**Software Engineer • Side Project** — Memory Chat | Alexandria, Egypt (Remote)

June 2025 – Present

Own the full software development lifecycle — design, development, testing, deployment, and maintenance — including database design (Supabase / PostgreSQL) for a cross-platform productivity app built on a zero-knowledge encryption architecture.

- Cut login time **~66%** (**~21s** → **~7s**) by migrating RSA key generation from Dart to native Go (**7s** → **200ms**).
- Eliminated redundant round-trips by replacing repeated queries with upserts and parallelizing sequential calls.
- Led database schema and software architecture design; wrote unit tests covering the encryption and sync logic.

**Flutter Developer • Part-Time** — Priceless Medical | UAE (Remote)

July 2025 – March 2026

- Delivered new features including DeepLinks, in-app Subscriptions, and Stripe payment integration for the UAE's first smart healthcare savings platform.
- Maintained and optimized the app serving **30+** partner clinics and hospitals across the UAE.

**Flutter Developer • Full-Time** — TopProz | USA, California (Remote)

June 2025 – September 2025

- Built a local storage layer so field users working in low-connectivity or offline locations could keep using the app normally, persisting data on-device until the connection returned.
- Developed cross-platform features for Android and iOS and integrated REST APIs.
- Diagnosed and repaired existing app modules, fixing regressions surfaced through manual testing before release.

## SKILLS

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**Mobile Development:** Flutter, Dart, State Management (BLoC, Cubit, Riverpod, Provider), MVVM, Animations, Localization, Deep Links, Push Notifications (FCM), In-App Purchases, Stripe

**Backend & Databases:** Node.js, Express.js, Supabase (PostgreSQL), Firebase, Drift ORM, PowerSync, RESTful APIs, SQL, NoSQL

**Testing:** Flutter Test (Unit & Widget Testing), Integration Testing, Manual Test

**DevOps & CI/CD:** GitHub Actions, Codemagic, Automated Build & Deployment Pipelines, App Store Connect, Google Play Console, Git, Mercurial, Docker

**AI Automation:** N8N, AI Agents, RAGs, Hosting

**Architecture:** Clean Architecture, SOLID Principles, OOP, Design Patterns, Data Structures, Offline-First, Real-Time Data

**Project Management:** Jira, Trello, Plane, Monday, Glean, Agile

**Networking:** CCNA (Cisco Certified), TCP/IP

## PROJECTS

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**Colada** — deal-discovery Flutter app for restaurants and cafes in Saudi Arabia, with **100K+** iOS and **50K+** Android downloads and **1,000+** active deals across Riyadh. [Google Play](#) · [App Store](#)

**Memory Chat** — cross-platform productivity app built on a zero-knowledge encryption architecture with secure, cross-device sync. [Google Play](#)

**Priceless Medical** — UAE's first smart healthcare savings platform, serving **30+** partner clinics and hospitals. [Google Play](#) · [App Store](#)

**custom\_media\_picker** — open-source Flutter package for picking images/videos via native Android (Kotlin) and iOS (Swift) platform channels. [pub.dev](#)

## EDUCATION

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**B.Sc. Computing and Data Science** — Alexandria University | Alexandria, Egypt *October 2021 – June 2025*

- Faculty of Computing and Data Science

**CCNA Network Certificate** — NTI / Creativa — Cisco | Alexandria, Egypt *September 2023 – November 2023*

## LANGUAGES

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**Arabic** — Native    **English** — Fluent