Ibrahim Mansour

Flutter Developer | Cross-Platform Mobile Engineer

ibrahimmansour58563@gmail.com +201551124994 linkedin.com/in/ibrahim-mansour-flutter-developer

ibrahimmansour1.github.io/Portfolio github.com/ibrahimmansour1 Cairo, Egypt

Profile

Flutter developer with over three years shipping cross-platform apps: 20+ mobile apps delivered, 7 live on the App Store and Google Play, across fintech, travel, real estate, construction and retail. Built and released the Money Basket remittance and currency exchange app (10K+ installs). Currently the primary Flutter developer on Onvaca's 15-module travel booking platform, owning its Clean Architecture codebase, GraphQL integration, payments, automated testing (unit, widget and Maestro end-to-end) and CI/CD release pipeline. Pursuing a Master's in Information Technology with an AI focus at Cairo University. Native Arabic, professional English.

Shipped to Production

Money Basket Exchange, *Fintech - remittance & currency exchange, Kuwait*
10K+ installs on Google Play; also live on the App Store. Flutter, BLoC, Retrofit, biometric and multi-factor authentication, encrypted local storage, FL Chart rate analytics.

Ejary, *Real estate - property rental marketplace*
Live on Google Play (1K+ downloads). Guests search and filter rental apartments, houses and villas, save listings, chat with owners and apply online, while unit owners manage their listings and bookings. Flutter, Provider, REST APIs, Firebase.

Nibni, *Real estate - sales & inventory management platform*
Live on the App Store for iPhone and iPad, in Arabic and English. Gives property owners and developers control of inventory and pricing, with a shared workflow for brokers and sales teams covering lead management, reservations and reporting. Flutter, BLoC, Dio, GetIt, GoRouter, Freezed, Firebase Cloud Messaging.

Tawabeq, *Construction - home design & building materials marketplace*
Live on the App Store, in Arabic and English. Takes a home build from initial design to construction: users plan their home, compare building-material offers, and manage purchasing, delivery and execution in one app. Flutter, Provider, REST APIs, Firebase.

Professional Experience

Flutter Developer, *Onvaca* 2024 – Present | Cairo, Egypt

- Primary Flutter developer, alongside a second Flutter developer, on the rebuild of a legacy hotel-booking app into Onvaca's pre-launch travel platform: 15 feature modules across search, listings, reservations and payments.
- Integrated the platform's GraphQL API with BLoC/Cubit and Clean Architecture, standardising data access and error handling across every feature module.
- Built map-driven property discovery with Google Maps (marker clustering, geo-filtering, location-aware search) and Firebase Cloud Messaging for booking and price alerts.
- Integrated checkout across five payment gateways: Stripe, Paymob, Moyasar, STC Pay and Apple Pay.
- Cover the codebase with unit and widget tests and Maestro end-to-end flows, working in Git Flow with pull-request code reviews and separate build flavors per environment.
- Automate builds and releases with a Fastlane and AWS CI/CD pipeline, distributing QA builds through Firebase App Distribution and TestFlight and monitoring crashes with Firebase Crashlytics.
- Own the mobile analytics stack: Segment routing events into Mixpanel, GA4 and Meta Pixel, with a cross-platform identity scheme agreed with the web and backend teams and de-duplicated event firing.

Flutter Developer (Contract), *Share Networks* 04/2025 – 08/2025 | Remote, Egypt

- Four-month part-time contract alongside my role at Onvaca, delivering three Flutter apps end to end on Android and iOS.
- Ehtewaa and Al-Birr Association, Arabic-first charity platforms covering donation campaigns, beneficiary records and in-app giving with full RTL layouts; and Edafa Provider, the provider-side app for Edafa Software's B2B services platform.

Flutter Developer, *Al Malek Exchange (Money Basket Exchange)* 2023 – 2024 | Kuwait

- Built and shipped the Money Basket international remittance and currency-exchange app for a Kuwait-licensed exchange house; live on Google Play (10K+ installs) and the App Store.
- Implemented layered security for financial transactions: biometric login (fingerprint and face recognition), multi-factor authentication, and encrypted local storage of sensitive customer data.

- Integrated REST APIs via Retrofit and Dio for live FX rates, remittance orders and transaction history, using BLoC state management over a Clean Architecture codebase.
- Added interactive rate analytics with FL Chart so customers could track currency movements before transacting.

Freelance Flutter Developer, *Self-employed* 11/2022 – Present

- Delivered 20+ mobile apps, 7 of them live on the App Store and Google Play, across real estate, construction, food delivery, grocery, retail POS, fintech, education and healthcare, running the full cycle solo: requirements, architecture, build, Arabic/English localisation, store submission and post-launch support.
- Nibni, Tawabeq and Ejary: client apps live on the App Store and Google Play - a real-estate sales and inventory platform, a home-building app covering design, material offers, purchasing and delivery, and a property rental marketplace.
- Retail POS: offline-first point-of-sale with barcode scanning, smart cart management, Hive local storage and on-device PDF receipt generation.
- Stanford-Binet Assessment: digital IQ-assessment tool for psychologists with child profile management, scoring and PDF report export (Riverpod, Firebase, Freezed).

Technical Skills

Flutter & Dart
Flutter, Dart, Material 3, Cupertino, responsive & adaptive layouts, custom animations, RTL / Arabic localisation, GoRouter, Freezed

Architecture & State
Clean Architecture, MVVM, SOLID, BLoC / Cubit, Riverpod, Provider, repository pattern, feature-first modularisation, dependency injection, code review, Agile / Scrum, Jira

APIs, Data & Offline
REST (Dio, Retrofit, http), GraphQL, SignalR, WebSockets, JWT / OAuth, JSON serialisation, Hive, Drift, SQLite, secure storage, offline-first sync, caching

Backend & Cloud
Firebase (Auth, Firestore, Cloud Messaging, Analytics, Crashlytics), Supabase, Node.js / Express, JavaScript, SQL, AWS fundamentals

Payments & Device Integrations
Payment gateways (Stripe, Paymob, Moyasar, STC Pay, Apple Pay), Google Maps, biometric authentication, push notifications, barcode scanning, PDF generation, FL Chart

Testing, CI/CD & Release
Unit & widget tests (flutter_test), Maestro end-to-end tests, CI/CD (Fastlane, GitHub Actions, AWS pipelines), build flavors, Firebase App Distribution, TestFlight, App Store Connect, Google Play Console, Git Flow, pull-request code review, Sentry, Firebase Crashlytics, Flutter DevTools profiling, Segment, Mixpanel, GA4, AI-assisted development (Claude, ChatGPT)

Education

Master's in Information Technology, *Cairo University* 2026 – Present | Cairo, Egypt
In progress. Coursework focused on artificial intelligence, including detection and estimation.

Bachelor of Science in Computer Science, *Beni-Suef University* 2024 | Beni-Suef, Egypt
Graduation project: FAIT (Fitness AI Trainer) - Flutter fitness app with camera capture, workout scheduling and progress analytics, built with Riverpod in a team of three.

Certificates

Flutter & Dart Development Diploma
Route Academy, Egypt

Advanced Flutter, Clean Architecture & State Management
Udemy - ongoing self-study

AWS Certified Cloud Practitioner
Amazon Web Services - in progress, 2026

Languages

Arabic — Native/Bilingual

English — Proficient