

Mahmoud Abouarab

Flutter Developer

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PROFESSIONAL SUMMARY

Flutter Developer with hands-on experience building production-ready, cross-platform mobile apps using Clean Architecture, BLoC/Cubit, and Firebase. Skilled in scalable state management, real-time data, REST API integration, map-based UIs, and payment gateways, with a focus on maintainable code and polished, multi-language UIs.

TECHNICAL SKILLS

Languages & Frameworks: Dart, Flutter (iOS & Android)

State & Architecture: BLoC, Cubit, Riverpod, Clean Architecture, MVVM, Repository Pattern, Feature-First, SOLID, GetIt

Networking & Data: REST APIs, Dio, Interceptors, Multipart, Dartz / Either, Firebase (Auth, Firestore, FCM), Hive, SharedPreferences, Secure Storage

UI/UX: Responsive UI (flutter_screenutil), Localization (easy_localization, RTL), image_picker / image_cropper, Shimmer, Cached Images, Light/Dark Themes

Integrations: Stripe Payments, Cloudinary, Google Maps / OpenStreetMap (flutter_map), Geolocator, Local Notifications, GoRouter

Tools: Git, GitHub, Postman, Android Studio, VS Code

PROJECTS

Bazar ↗

- Built a full-featured e-commerce app with clean feature-first architecture and BLoC/Cubit: product catalog with variants (size / color), search, filtering, cart, wishlist, coupons, and a multi-step checkout with an order status timeline.
- Integrated Firebase Cloud Messaging (FCM) push notifications and an in-app notification center for real-time order updates.
- Built an admin dashboard UI with sales charts (fl_chart); integrated REST APIs with Dio and localized the app (Arabic / English, RTL).

Clinics Finder ↗

- Built a clinic-discovery app with an interactive map (flutter_map), specialty markers, and real-time location (Geolocator); Firebase Authentication and Cloud Firestore for real-time data.
- Implemented BLoC/Cubit (immutable states, sealed classes), Cloudinary image uploads via Dio, functional error handling (Dartz / Either), GoRouter, and GetIt.

Food Ordering App ↗

- Built a food-ordering app with BLoC/Cubit and secure REST APIs (Dio interceptors for token auth); integrated the Stripe payment-intent flow with real-time transactions.
- Applied functional error handling (Dartz / Either), dependency injection (GetIt), responsive UI, and multi-language support (easy_localization).

News App ↗

- Built a news app with Riverpod state management, REST APIs (Dio), and real-time weather by location (Geolocator).
- Implemented favorites with Hive, external navigation (url_launcher), light/dark themes, and error handling (Dartz / Either).

Notes App ↗

- Built a notes app with Firebase Auth (Email/Password & Google Sign-In) and Cloud Firestore real-time CRUD.
- Used flutter_bloc (Cubit) and scheduled reminders via flutter_local_notifications.

EDUCATION

Bachelor of Commerce (English Section) — Kafr El-Sheikh University

October 2019 – July 2023

CERTIFICATIONS

Flutter Advanced Course – BLoC & MVVM Pattern ↗ — Tharwat Academy

2025

LANGUAGES

Arabic (Native) • English — Professional Working Proficiency