

Omar Mohamed

Flutter Developer

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 Cairo, Egypt

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 <https://github.com/omarShawkey13>

SUMMARY

Flutter Developer with 1+ year experience building production-ready mobile apps using Clean Architecture, Bloc/Cubit, and Firebase. Delivered multiple real-world apps including social media, chat, and wallpaper platforms with real-time features, push notifications, and scalable architecture. Active open-source contributor with 3+ published Flutter projects on GitHub.

SKILLS

Mobile Development:

- Flutter, Dart

Architecture & State Management:

- Clean Architecture, Feature-based Architecture
- Bloc, Cubit

Backend & Services:

- Firebase Auth, Firestore, Cloud Messaging
- REST APIs Integration

Networking & Data:

- Dio, Pagination, Interceptors
- Dartz (Either / Failure handling)
- SQLite (sqlite), Shared Preferences

Testing:

- TDD, Unit Testing

Tools:

- Git, GitHub
- OneSignal, Cloudinary

WORK EXPERIENCE

Flutter Developer

Freelance

09/2024 – Present
Remote Cairo, Egypt

- Designed, developed, and deployed production-ready Flutter applications using Clean Architecture and TDD.
- Implemented scalable state management solutions using Bloc and Cubit.
- Integrated Firebase services including Authentication, Cloud Firestore, and Push Notifications.
- Consumed REST APIs with proper error handling, network awareness, and clean data layers.
- Collaborated using Git and GitHub, following clean commit history and version control best practices.

PROJECTS

Ripple – Social Media Application

04/2025

- Developed a modern social media application using Flutter with a strong focus on clean, scalable architecture.
- Implemented **Firebase Authentication** and **Cloud Firestore** for secure user management and real-time data.
- Built core social features including **posts, likes, comments, and follow system**.
- Integrated **push notifications** (likes, comments, follows) using **OneSignal**.
- Applied **BLoC** for predictable and maintainable state management.

- Supported **multi-language localization (Arabic / English)**.
- GitHub: <https://github.com/OmarShawkey13/ripple> ↗

Piko – Real-Time Chat Application (Flutter, Firebase, Clean Architecture)

05/2025

- Developed a fully functional real-time chat application using **Flutter, Firebase Firestore**, and **Firebase Authentication**.
- Implemented a **feature-based clean architecture** with **Bloc/Cubit** for predictable and scalable state management.
- Integrated **Cloudinary** for optimized image handling and **OneSignal** for push notifications.
- Built real-time features such as typing indicators, online/offline presence, and instant message syncing using **StreamBuilder + Streams**.
- Designed a polished, responsive UI with full **Dark/Light theme** support and custom iOS-style context menus.
- Ensured high performance with cached images, optimized rebuilds, and minimal latency.
- Published the project as an open-source repository on GitHub.
- GitHub Repository: <https://github.com/OmarShawkey13/piko> ↗

Hayat Muslim – Azkar App

06/2025 – Present

- Developed an Islamic mobile application for daily Azkar (morning, evening, sleep, wake-up) using Flutter with a clean, scalable architecture.
- Implemented full offline support by parsing structured Azkar data from local JSON files and caching user preferences using SQLite.
- Designed a favorites system allowing users to bookmark Azkar, persisted locally via SQLite for fast access and offline availability.
- Integrated prayer times display based on user location, focusing on lightweight functionality without audio or background services.
- Built a structured navigation experience using a custom side drawer for smooth content access.
- Applied Bloc for predictable state management and separation of concerns across features.
- Published the application to production with real users on Android.

Production Link: <https://com-hayatmuslim.en.uptodown.com/android> ↗

Wallix – Wallpaper App

08/2025

- Wallpaper application built with Flutter following **Clean Architecture** principles.
- Implemented a scalable networking layer using **Dio** with interceptors, pagination, and centralized error handling.
- Applied **Dartz (Either / Failure)** for functional error handling and clean separation between data and domain layers.
- Backend driven by **GitHub-based data sources**, enabling flexible content management and easy scalability.
- Used **BLoC** for predictable and maintainable state management across UI states.
- Features include categorized wallpapers, favorites, smooth infinite scrolling, and performance optimizations.
- GitHub Repository: <https://github.com/OmarShawkey13/wallix>

EDUCATION

BSc in Business Information Systems

10/2023 – Present

Al-Alsun Higher Institute, Nasr City

Cairo, Egypt

CERTIFICATES

Flutter & Dart – Build iOS and Android Apps (Udemy)

- Completed 42+ hours covering Dart fundamentals, Flutter widgets, and UI principles.
- Gained hands-on experience with Firebase (Auth, Firestore).
- Practiced advanced state management using Bloc and Cubit.
- Certificate:
<https://www.udemy.com/certificate/UC-dao7c65e-14d1-4773-a498-760e42bb78df/>

LANGUAGES

Arabic



English

