Omar Mohamed

Flutter Developer

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🔗 https://rcmods.online   in https://www.linkedin.com/in/omarshawkey/

○ https://github.com/omarShawkey13/

SUMMARY

Flutter Developer with hands-on experience building scalable mobile applications using Clean Architecture, Bloc/Cubit, and Firebase. Strong focus on clean code, performance optimization, and real-world production patterns. Active open-source contributor with multiple published projects and practical experience in REST APIs, state management, and testing.

SKILLS

- Flutter & Dart
- State Management: Bloc, Cubit
- Architecture: Clean Architecture, Feature-based Architecture
- Backend & Services: Firebase (Auth, Firestore, Notifications)
- APIs: REST APIs Integration
- Testing: Test Driven Development (TDD)
- Local Storage: Sqflite, Shared Preferences
- Tools & Version Control: Git, GitHub

WORK EXPERIENCE

Flutter Developer   09/2024 – Present
Freelance   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
- Islamic app for daily Azkar/Duas with offline access and structured Clean Architecture.
- Uses Bloc for state management and shared on GitHub for the open-source community.

GitHub Repository: https://github.com/OmarShawkey13

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
- Completed over 42+ hours covering Dart fundamentals, Flutter widgets, UI design principles.
- Gained hands-on experience with Firebase integration (Auth, Firestore).
- Practiced advanced state management using Bloc and Cubit.
- Certificate: https://udemy-certificate.s3.amazonaws.com/pdf/UC-da07c65e-1d1-773-a98-760e2bb78df.pdf.

LANGUAGES

Arabic ● ● ● ● ●   English ● ● ○ ○ ○