Mohamed Rashad

Flutter Developer | Cross-Platform Mobile Applications

+20 155 576 1846 | mohamedrashadhyg@gmail.com | Cairo, Egypt

GitHub LinkedIn Portfolio

PROFESSIONAL SUMMARY

Flutter Developer with 2+ years of experience crafting high-performance, cross-platform mobile apps for iOS and Android. Proficient in state management (Riverpod / BLoC), Firebase ecosystem, Clean Architecture, and responsive UI design. Passionate about writing maintainable code and delivering smooth, intuitive user experiences.

TECHNICAL SKILLS

Mobile Development: Flutter, Dart, Riverpod, BLoC/Cubit, Provider, Clean Architecture, OOP, SOLID Principles, Design Patterns

APIs & Backend Integration: RESTful APIs, Dio, Retrofit, Firebase, Supabase

Storage & Persistence: Hive, Sqflite, SharedPreferences

Tools & Practices: Git & Version Control, Debugging, Performance Optimization, Testing, Responsive UI, Animations in Flutter

EXPERIENCE

Hassounh | Freelance *Jun 2026 – Sep 2026*

Offline-first Arabic cafeteria management system for Windows — Flutter, BLoC, Freezed, Drift

Demo

- Built an offline-first Windows desktop app digitizing the complete front-of-house and back-of-house cafeteria workflow with a full RTL Arabic interface.
- Implemented a day-shift engine with expected-vs-actual cash-drawer reconciliation, frozen shift records, point of sale, and a live kitchen ticket board.
- Added back-office modules for inventory, versioned expenses, supplier invoice lifecycle with immutable audit logs, and printed daily/monthly sales reports.

Otobees | Freelance *Apr 2026 – Jul 2026*

Bus reservation & transportation management platform — BLoC, Clean Architecture, Retrofit/Dio, Hive CE

Google Play · Demo

- Built a large role-based transportation platform supporting passengers, drivers, admins, and super-admins with guarded navigation and dedicated workflows.
- Implemented booking, subscriptions, multi-channel payments, payment approvals, and comprehensive bus/route/passenger management.
- Developed an offline-first architecture with Hive CE caching, secure authentication, Firebase push notifications, and biometric protection for sensitive financial data.

Attendix | Freelance *Jun 2026 – Jul 2026*

Offline-first Windows attendance & workforce management — Flutter, BLoC, Drift

- Architected an offline-first Windows attendance and workforce management system using Flutter, BLoC, and Drift.
- Integrated fingerprint devices to synchronize employee profiles and check-in/check-out records, with working-hour calculations and payroll support.
- Built local backup capabilities and printable PDF reports for weekly and monthly employee summaries.

Kryptix | Open Source Project *May 2026*

A deterministic Zero-Knowledge password manager — Flutter, BLoC (Cubit), Crypto, Secure Storage

Google Play · Github

- Deterministic generation creates a unique password per service from a single master key, with no server or sync dependency.
- SHA-256 key stretching runs in background isolates, keeping the UI responsive during heavy derivation.
- All secrets stay on-device in encrypted offline-first local storage.

Zag Skaters | Freelance *Jan 2026 – Apr 2026*

Skating academy internal management platform — BLoC, Clean Architecture, Retrofit/Dio, fl_chart

Demo

- Architected with feature-driven Clean Architecture and the BLoC pattern for maintainable, scalable modules.
- Integrated complex REST APIs via Retrofit/Dio with auto-generated data models.
- Built financial dashboards for daily/weekly settlements plus structured management forms for clients and sessions.

Daftark | Freelance *Oct 2025 – Dec 2025*

Offline-first POS and store management dashboard — Riverpod, Hive, GoRouter, FL Chart

Demo

- End-to-end sales flow with cart management, invoice generation, and daily reports.
- Centralized inventory and store management with offline-first Hive persistence.
- Revenue analytics and CSV/Excel export for external financial tracking.

Waraqa W Qalam | Freelance *Sep 2025*

Admin dashboard for a Quran learning platform — BLoC, Dio, Retrofit, GoRouter

App Store · Google Play

- Built a comprehensive admin dashboard managing users, products, orders, media episodes, and categories.
- Streamlined content, order, and media management workflows for the platform team.
- Added reporting on orders and user activity to support business decisions.

Imtyaze | ByteForce *Oct 2024*

E-learning platform — Riverpod, Dio, GoRouter, Better Player Plus

App Store

- Delivered video-streaming courses with structured lessons and progress tracking for 1,000+ students.
- Developed an interactive exams module with student assessments and results tracking.
- Architected features with Clean Architecture principles and robust state management for scalability.

Tadabar | Binary+ *Apr 2024*

Islamic utility app — BLoC/Cubit, Dio, Local Notifications, Location

Google Play

- Built a multi-feature Islamic application including Quran, Hadith, Azkar, prayer times, and Qibla direction.
- Integrated location-based services for accurate prayer time calculations with automated Adhan notifications.
- Designed and developed a fully localized application with adaptive theming supporting Arabic and English users seamlessly.

EDUCATION

Information Technology Institute (9-Month Scholarship) — Smart Village *2025 – 2026*

Cross-Platform Mobile Development Certification

B.Sc., Faculty of Computers and Information — Zagazig University *2021 – 2025*

Department of Computer Science

LANGUAGES

Arabic (Native)

English (Intermediate)