

# Ali Ramadan El Banna

## Flutter Developer

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## Professional Summary

Flutter Developer with 3+ years of experience building scalable cross-platform applications. Specialized in Clean Architecture, offline-first systems, and high-performance POS & ERP solutions. Proven track record in mentoring developers, optimizing performance, and delivering production-ready apps used by thousands.

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## Technical Skills

- **Mobile Development:** Flutter • Dart • Android SDK • iOS SDK
  - **State Management:** BLoC • Provider • Riverpod • GetX
  - **Backend & Services:** Firebase (Auth, Firestore, FCM, Storage) • RESTful APIs • SQLite
  - **Testing:** Unit & Widget Testing (flutter\_test, mocktail)
  - **CI/CD:** GitHub Actions for automated build & deployment
  - **Architecture:** Clean Architecture • SOLID • MVVM • Dependency Injection
  - **Tools:** Git • Android Studio • VS Code • Postman • Figma
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## Professional Experience

### Flutter Developer | Hash Studio, Shebin El Kom

August 2023 – August 2025

- Developed 5 cross-platform applications, crash-free rate serving thousands of users
- Implemented Clean Architecture and SOLID principles
- Integrated RESTful APIs and Firebase services for real-time data synchronization
- Optimized performance resolving critical bottlenecks
- Mentored junior developer and conducted code reviews

## Key Projects:

**Gdawel ERP** • [Google Play](#) • [App Store](#) • [Web App](#) - ERP with mobile app and POS web app

- Integrated multi-location support with real-time synchronization across 5+ warehouses
- Built sales analytics dashboard with data visualization

**Pasma HRM** - HR system with attendance tracking and employee administration

- Developed automated attendance using geofencing and QR scanning
- Built analytics dashboard for HR metrics

**EyeTrack** - Medical appointment scheduling platform managing patient records and surgery coordination

- Implemented role-based access control with secure patient data management
  - Developed conflict detection algorithm reducing scheduling errors
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## Freelance Flutter Developer | Self-Employed

**May 2023 – August 2023**

- Published apps on Google Play Store through continuous improvements
- Architect applications using Clean Architecture with MVVM

## Key Projects:

**COPA - Playground Reservation App** • [Google Play](#)

- Architected sports facility booking platform using Clean Architecture with MVVM
  - Developed real-time availability checking, booking management, and payment processing
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## Education

**Bachelor of Computer Science | Banha University — July 2021**

## Certifications:

• **Advanced Android Kotlin Development** • [Link](#) | Egypt FWD Nanodegree

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# Projects

**ShopEasy - E-Commerce App** • [Github](#) | Riverpod • Firebase • Hive • go\_router

- Developed shopping platform with product catalog, filtering, and cart functionality
- Implemented Firebase Authentication and social login, reducing signup friction
- Built order tracking with real-time updates and 5-star review system

**Real-Time Chat** • [Github](#) | BLoC • Firebase Realtime Database • Hive • GetIt

- Built messaging platform with sub-100ms message delivery for one-on-one and group chats
- Integrated media sharing with 60% file size reduction through compression
- Developed typing indicators, read receipts, and push notifications

**Money Master - Finance Tracker** • [Github](#) | Provider • SQLite • fl\_chart

- Engineered financial management app handling 1000+ transactions with optimized queries
- Created interactive visualizations for monthly trends and budget progress
- Developed CSV and PDF export functionality

**Fitness Tracker** • [Github](#) | Riverpod • Hive • Geolocator • Sensors • fl\_chart

- Developed 24/7 activity tracking with background processing for continuous step counting
- Implemented Clean Architecture with 90% code coverage
- Built notification system improving retention

**SecureVault - Enterprise Password Manager** • [Github](#) | Riverpod • Hive • Flutter Secure Storage • Biometrics

- enterprise-grade password manager featuring bank-level encryption, biometric authentication, and multi-environment support.

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**Availability:** Immediate • **Open to:** Full-time, Contract