

Abdallh Mostafa

Flutter - Mobile Developer

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Summary

Mid-level **Flutter Developer with 2+ years of experience** in scalable mobile apps. Focus on delivering intuitive and performant apps with real-world impact. Looking to join a growth-oriented team to build innovative mobile solutions.

Education

Bachelor's Degree in Computer and Information, Damanhour University 2020 – 2024

- GPA: 3.3/4.0 (B+).

Experience

Flutter Developer @ SISMATIX Information Technology – Kuwait, Remote - Full-time Aug 2025 - Present

- Contributed to converting an ERP system into modern, high-performance Flutter applications (Android & , iOS).
- Developed apps, focusing on caching, pagination, security, data encryption, crash analytics and monitoring tools, and performance optimization, improving data load times by 35%.
- **Performance Engineering:** Optimized UI thread and initial startup performance, and maintained a consistent 60fps across all screens.
- Applied **Clean Architecture** and **Bloc** for maintainability, reducing bug reports by **25%** within the first release.
- **Automation:** Established a fully automated CI/CD pipeline using **Fastlane**, **Codemagic**, **GitHub Actions**, reducing release cycle time by 40% and ensuring consistent delivery to App Store/Play Store.

Flutter Developer @ elliathy Auto Group – Cairo, Egypt – Full-time Nov 2024 - May 2025

- **Multi-Role System Design:** Refactored a complex car sales ecosystem supporting 5 distinct user roles (Buyers, Sellers, Drivers, Managers), streamlining inter-departmental workflows.
- **Logistics Integration:** Integrated real-time logistics tracking and **Google Maps API**, boosting driver productivity by 20% through optimized route visualization.
- **Enterprise Stability:** Modernized an internal HR management app used by 500+ employees, resolving 10+ critical architectural bugs and decreasing crash rates by 30%.
- **API Optimization:** Optimized data fetching layers with custom caching strategies, reducing server load and improving response times by 20%.

Junior Flutter Developer, Al Hayaa – Cairo, Egypt – Full-time Aug 2024 - Nov 2024

- Enhanced real-time data synchronization for consumer-facing apps, improving user retention through better offline availability.
- Fixed 4+ platform-specific bugs and improved the stability of the app.
- Collaborated in an Agile environment to deliver bi-weekly feature sprints and resolve platform-specific UI issues.

Projects

Matix Attendance - POS App Store - Google Play

- **Core Feature:** Advanced geofencing, background location tracking using **Workmanager**, capturing employee positions every 15 minutes with minimal battery drain, VPN security, and one device logging
- **Tech Stack:** Cubit, Google Maps, Geolocator, Date encryption, Notifications, Force update technique, Testing.
- **Impact:** Reduced manual attendance tracking errors by **70%** for corporate clients

Matix Suppliers Hub - POS App Store - Google Play

- **Core Feature:** Enterprise vendor management portal featuring an **Offline-First** architecture with **AES-256 encrypted local storage**.
- **Tech Stack:** Clean Architecture, BLoC, Retrofit, Secure Storage, Fastlane, Testing, Notifications.
- **Impact:** Improved vendor data load performance by **35%** through optimized pagination and local caching strategies.

ellaithy App (Internal Business App - Not Published on Google Play)

ellaithy Company

- Refactored and optimized the car sales app with Clean Architecture and BLoC (Cubit).
- **Developed new Driver and Admin modules**, adding Google Maps integration and real-time logistics tracking.
- Resolved 10+ critical bugs and optimized APIs with Dio caching, reducing load times by 30% for 500+ users.

ellaithy HR App (Internal Business App - Not Published on Google Play)

ellaithy Company

- Enhanced HR attendance and task management app using MVVM and Bloc.
- Refactor the UI/UX of the application, integrate the PHP/MySQL back-end services, and improve offline access with Caching.
- Resolved 8+ critical bugs and optimized security, streamlining HR processes, and reducing response time by 20%.

Skills

Frameworks & Tools: Flutter, Firebase (Auth, Firestore, FCM), Caching, Google Maps, RESTful APIs, GetX, BLoC, Background service.

Architecture & Patterns: Clean Architecture, MVVM, MVC, SOLID Principles, OOP, Design Patterns.

Practices & Workflow: Clean Code, Agile, SDLC, Git, CI/CD (CodeMagic, GitHub Actions, Fastlane), Unit Testing, Localization, Performance Optimization, Troubleshooting issues.

Programming Languages: Dart, C++ , Java, Python, SQL.

Languages

- **English:** Professional Proficiency "B1".
- **Arabic:** Native.