

Ahmed Mohamed Abdelmoty

Senior Flutter Developer

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PROFESSIONAL SUMMARY

Senior Flutter Developer and Mobile Team Lead with 6+ years of experience building scalable enterprise mobile applications across multiple industries including Hajj & Umrah, Ride Sharing, Real Estate, and Enterprise SaaS. Specialized in Flutter, Clean Architecture, Real-time Systems, Firebase, and CI/CD, with extensive experience leading engineering teams and delivering production-grade Android and iOS applications. Passionate about building high-performance applications, mentoring developers, and driving engineering excellence.

TECHNICAL SKILLS

Mobile Engineering

- Flutter, Dart, Cross-Platform Development, Android, iOS, Responsive UI, Native Channels, Performance Optimization

Real-Time & Location Services

- Google Maps, Geolocation Services, BLE, Real-Time Synchronization, Live Tracking

Cloud & Services

- Firebase Authentication, Firebase Cloud Messaging (FCM), Firebase Analytics, Push Notifications, Remote Config

AI & Emerging Technologies

- OpenAI API Integration, AI-powered Features, Prompt Engineering

Methodologies

Agile, Scrum, Code Reviews, Team Leadership, Mentoring

Architecture & State Management

- Clean Architecture, SOLID Principles, Modular Architecture, Dependency Injection, BLoC, Cubit, Provider, Riverpod, GetIt

Backend & APIs

- REST APIs, GraphQL, WebSockets, Socket.IO, Retrofit, Dio, JWT Authentication

Testing

- Unit Testing, Widget Testing, Integration Testing

DevOps & CI/CD

- Git, GitHub Actions, Jenkins, Fastlane, Firebase App Distribution, Shorebird, Play Store Deployment, App Store Deployment

PROFESSIONAL EXPERIENCE

Mobile Team Lead | ATAM Digital Solution

- Led the architecture and delivery of enterprise Hajj & Umrah mobile platforms serving thousands of users across multiple operational regions.
- Designed and implemented a scalable multi-tenant Flutter architecture with 45+ feature modules, significantly improving maintainability and feature delivery.
- Built real-time communication infrastructure using WebSockets, Firebase FCM, and BLE tracking systems to support live pilgrim coordination during Hajj operations.
- Automated Android and iOS release pipelines through CI/CD workflows, reducing manual deployment efforts and improving release consistency.
- Delivered OTA hotfixes using Shorebird, enabling rapid production fixes without requiring full app store releases.
- Led a distributed Flutter team, conducted code reviews, mentored developers, and established engineering standards to improve code quality and delivery efficiency.

06/2025 – Present
Saudi Arabia | Europe
| India | Morocco

Senior Flutter Developer | Elmedad Technology

10/2024 – 06/2025
Egypt

- Developed and maintained production-grade Flutter applications targeting GCC markets with multilingual support and responsive user experiences.
- Implemented real-time synchronization and push notification systems using Firebase and backend integrations.
- Refactored feature modules using Clean Architecture principles, improving maintainability and accelerating feature delivery.
- Optimized application performance, reducing app startup time and improving user experience.
- Collaborated with backend and product teams to deliver scalable and reliable mobile solutions.

Flutter Developer | AKS Technology

10/2023 – 12/2024
Cairo, Egypt

- Delivered multiple production Flutter applications for Saudi-market clients with a strong focus on scalability and performance optimization.
- Integrated REST APIs, Firebase services, authentication systems, and payment gateway solutions.
- Maintained CI/CD pipelines, reducing manual deployment efforts and improving release stability across Android and iOS platforms.
- Worked closely with cross-functional teams to deliver scalable mobile applications and ensure high-quality releases.

Flutter Developer | Posbank

09/2022 – 10/2023
Bahrain

- Developed cloud-based POS and restaurant management applications that improved operational efficiency by approximately 30%.
- Optimized POS ordering workflows, reducing order processing time by nearly 50% and contributing to increased sales performance.
- Built real-time sales tracking and multi-branch inventory systems, improving operational visibility and reporting accuracy.
- Integrated secure payment solutions and cloud-based management services for restaurant operations.
- Collaborated with product and engineering teams to deliver scalable business solutions.

Flutter Developer | Software Engineer

01/2020 – 08/2022
Saudi Arabia

Almurafiq Company

- Developed and maintained scalable Flutter applications for business and service management platforms.
- Integrated secure authentication systems, REST APIs, push notifications, and Firebase services.
- Collaborated with backend and UI/UX teams to improve user experience and accelerate feature delivery.
- Maintained and optimized production applications across multiple releases and deployments.
- Participated in architecture discussions and implemented scalable mobile solutions for Saudi-market clients.

EDUCATION

- **Diploma in Information Systems** Abbasia High Institute for Computer Systems 2018 – 2019
- **Additional Academic Studies** Al-Azhar University 2015 – 2017

LANGUAGES

Arabic: Native

English: Professional Working Proficiency

PROJECTS

Muajara Platform | Smart Rental & Real Estate Ecosystem

A comprehensive rental and real estate platform designed to streamline the monthly and annual rental market in Saudi Arabia.

- Led Flutter development for a large-scale rental platform serving landlords, tenants, and real estate brokers.
- Implemented interactive maps, advanced property search, and real-time reservation workflows.
- Built real-time notifications and booking management systems for tenants and property owners.
- Integrated AI-powered property recommendations to enhance the user experience.
- Developed secure authentication, role-based workflows, and scalable architecture for production environments.
- Collaborated closely with product, backend, and business teams to deliver a high-quality real estate platform.

Tech Stack: Flutter, Dart, Clean Architecture, Google Maps, Firebase, REST APIs, Real-time Notifications, CI/CD
googlePlay [🔗](#) | **appleStore** [🔗](#)

Rafiq Al Hajj | Smart Hajj

Enterprise-scale Hajj & Umrah platform managing pilgrim journeys through multi-role operational systems.

- Built scalable ecosystem with 45+ Flutter feature modules and real-time operational infrastructure.
- Implemented WebSocket communication, BLE Tafweej tracking, Firebase FCM, and AI-powered OpenAI assistant features.
- Delivered multilingual AR/EN experiences with live pilgrim tracking, transportation coordination, SOS workflows, and operational dashboards.
- Managed OTA production hotfixes during active Hajj seasons using Shorebird.

Tech Stack: Flutter, Dart, BLoC, Firebase, WebSockets, BLE, CI/CD, OpenAI API

googlePlay [🔗](#) | **App Store** [🔗](#)

Ministry of Energy Platform | Gas Station Maintenance & Inspection Ecosystem (B2G)

Enterprise SaaS platform for fuel station maintenance and regulatory inspections.

- Developed multi-tenant operational ecosystem with RBAC authentication and secure JWT workflows.
- Built inspection management, work order tracking, and operational dashboards supporting authority and service-provider workflows.
- Implemented scalable mobile architecture with responsive UI and secure backend integrations.

Tech Stack: Flutter, Clean Architecture, Dio, Retrofit, JWT, Firebase, MySQL

Google Play [🔗](#) **App Store** [🔗](#)

Fair Value - Professional Services Marketplace

Flutter mobile app linking businesses with professional service providers (legal, accounting, tax, consulting).

- Built with **Clean Architecture**, **BLoC/Cubit**, and **SOLID** for scalability.
- Dual-role system (**Customer / Service Provider**) with full company management.
- End-to-end service requests: dynamic forms, file uploads, quotations & invoices (accept/reject).
- Order lifecycle tracking with timeline visualization from submission to completion.
- Multiple service categories with search, offers, and most-requested sections.
- **Arabic/English**, RTL support, dark/light themes, responsive UI (ScreenUtil).
- RESTful API integration (Retrofit + Dio), **GetIt** DI, secure token handling.

googlePlay [🔗](#) | **appleStore** [🔗](#)

Maroon Ride - Ride-Sharing Platform

Ride-Sharing Platform (User & Driver Apps) A full Flutter-based ecosystem for passengers and drivers.

- Dual Flutter apps (**User / Driver**) on a unified backend with real-time rides via **Pusher**.
- **User App:** Ride booking, live tracking, location picker, intercity rides, payments, coupons, referrals, and in-app chat.
- **Driver App:** Ride acceptance, live navigation with polylines, trip completion, KYC & vehicle verification, wallet (deposit/withdraw), transactions, real-time alerts.
- **Google Maps** integration for pickup/dropoff, geolocation, and turn-by-turn navigation.
- Authentication with **Email/SMS**, **Google Sign-In**, and **Sign in with Apple**.
- **Firebase Cloud Messaging** push notifications and in-app review prompts.

googlePlay [🔗](#) | **appleStore** [🔗](#)

Wafed App

A comprehensive onboarding and support platform developed for Almedad Soft, designed to assist newcomers and expatriates in navigating essential services with ease.

- Led Flutter development with focus on stability, performance, and multilingual UX.
- Implemented digital onboarding, document uploads, appointments, service tracking, and real-time notifications.
- Integrated backend APIs for reliable, real-time data synchronization.
- Emphasized accessibility and ease of use for users unfamiliar with local systems.
- Collaborated on UX/UI decisions with designers and stakeholders to align user flow with business goals.

Google Play [↗](#)

Star (ستار)

Designed and developed a comprehensive e-commerce platform specializing in abayas and headscarves.

- Features include high-resolution product images, detailed descriptions, and customizable size and color options.
- Integrated secure payment methods and fast delivery services.
- Focused on enhancing user experience and satisfaction.

googlePlay [↗](#) **appleStore** [↗](#)

Sila

A mobile application designed to strengthen family bonds and promote noble values.

- Developed with **Flutter** for high performance and scalability.
- Implemented scheduled reminders for family connections based on kinship degree.
- Added family updates tracking with interactive notifications for engagement.
- Built in collaboration with **Makarem Al-Akhlaq Association**, supporting a non-profit initiative to strengthen social and family ties.

googlePlay [↗](#) **appleStore** [↗](#)

POPS Management

• Developed POPs Management, a management app for multi-branch restaurants, resulting in a 40% reduction in overhead costs for restaurant owners. Facilitated users to manage and maintain restaurant operations via the internet using any device, resulting in a 25% increase in sales and a 30% reduction in customer wait times. Specifically designed for restaurants with separate management offices, resulting in a 50% increase in user engagement and a 15% increase in customer satisfaction ratings.

googlePlay [↗](#) **appleStore** [↗](#)

POPs Enterprise

Developed an advanced retail management application focused on enhancing business efficiency

- Specialized in providing tools for inventory management, sales tracking, and order processing.
- Integrated features for product customization, pricing updates, and seamless multi-branch management.
- Designed with a user-friendly interface to improve engagement and reduce operational overhead.

googlePlay [↗](#) **appleStore** [↗](#)