

# Mohamed Mamdouh Amer

Senior Flutter Developer | Mobile Application Architect | 5+ Years Building Scalable Cross-Platform Apps  
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## Experience

**Siryah Alarab Information Technologies**  
Senior Flutter Developer (Part-Time)  
<https://siryah.tech>

**03/2025 - Present**  
Dammam, Saudi Arabia

- Led end-to-end development of NFH finance application from scratch, taking full ownership of architecture, implementation, and delivery.
- Applied Clean Architecture and BLoC, creating a modularized codebase to support customization and reusability across different clients and financial entities.
- Built all core modules including authentication and biometric security, loan request workflows, file uploads, real-time chat ([Socket.io](#)), push notifications, and full localization.
- Collaborated closely with testers and project managers to clarify requirements, resolve blockers, and ensure smooth sprint execution.

**Crunch LTD**  
Senior Flutter Developer  
<https://www.getcrunch.app>

**01/2025 - 12/2025**  
Dubai, UAE

- Maintained Crunch production app by improving UI/UX design, resolving critical bugs, and integrating new API endpoints.
- Developed local Data Management System for efficient data fetching, caching, and storage; integrated Lean SDK with Server-Sent Events (SSE) for real-time bank account synchronization
- Refactored Google Play and App Store in-app purchase implementation to resolve subscription reliability issues, adding comprehensive error handling and receipt validation.
- Introduced Easy Localization for multi-language support, migrated navigation to GoRouter for improved routing and deep linking.
- Led Crunch 2.0.0 redesign, rebuilding core UI with improved animations and migrating architecture to Clean Architecture with BLoC.

**Tayseer Finance**  
Senior Flutter Developer (Part-Time)  
<https://tayseerme.com>

**08/2024 - 03/2025**  
Dhahran, Saudi Arabia

- Led complete rebuild of Tayseer Finance mobile app, introducing MVC architecture with GetX to replace unstructured legacy codebase
- Maintained legacy production app while developing v2, resolving critical bugs and refactoring the New Loan System for improved reliability
- Coordinated with backend and QA teams to resolve API integration issues and ensure release readiness for the new version

**Codelink**  
Mid-Senior Flutter Developer  
<https://codelink.com.sa>

**06/2023 - 08/2024**  
Riyadh, Saudi Arabia

- Built Diet Watchers client and delivery apps from scratch with social login, location tracking, video calls, real-time chat (Agora, Pusher), and payments via Moyasar and Tabby. Developed Tawzea, a real-estate crowdfunding platform with property listings, investment flows, and ClickPay integration.
- Refactored Hayatona Clinics telemedicine app, improving code structure and redesigning the UI/UX and rebuilding the video consultation feature using Agora RTC for improved call quality and stability.
- Contributed to Noah (UI improvements and bug fixes), Smart Minds (interactive educational games including line-matching gameplay), and Meer talent recruitment platform.
- Applied appropriate state management patterns (BLoC, Riverpod, GetX) based on project architecture, using BLoC for complex enterprise apps and lightweight solutions for simpler projects.

**Plementus**  
Flutter Developer  
<https://www.plementus.com>

**02/2023 - 06/2023**  
Cairo, Egypt

- Developed multiple production Flutter apps as sole mobile developer, including MRC (medical results and appointment booking for Misr Radiology Center), Red Bull Driver's App, and Tamadon, delivering complete solutions with authentication, API integrations, and core workflows
- Built Odoo mobile client providing mobile access to ERP functionality including CRM, sales, and inventory management with full API integration

**Skysoft**  
Flutter Developer (App Support)  
<https://skysoft-eg.net>

**10/2021 - 8/2025**  
Mahala, Egypt

- Built an enterprise app suite (Smart Sales, Smart Market, Smart Prices) from scratch, and continue to maintain and expand it with new features, ongoing updates, and production support.

**Invasso**  
Junior Flutter Developer  
<https://invasso.com>

**07/2021 - 02/2023**  
NJ, USA

- Developed JTL Express logistics tracking platform, MXI hazardous waste management suite (driver and operations apps), and ML Bagels white-label restaurant ordering platform using MVC architecture and Riverpod for state management

## Projects

**SOLDOUT**  
Lead Software Engineer  
<https://soldout.sa>

**08/2024 - 12/2025**

- Led a technical team to rebuild bidding application, architecting scalable mobile and backend infrastructure to support platform growth.
- Rebuilt mobile application with optimized bidding flows and real-time updates, contributing to 60% revenue growth.
- Built maintainable codebase using MVC architecture and GetX, enabling rapid feature development and scaling to 1M+ SAR revenue within two years.

## Education

**Ahram Canadian University**  
Computer Science

**Aug 2016 - Seb 2020**  
Bachelor

## Skills

Flutter, Dart, Java, iOS Development, Android Development, Cross-Platform Development, BLoC, Provider, GetX, Riverpod, MVC, MVVM, Responsive Design, Firebase, Animations, API Integration, SQLite, Hive, Git, CI/CD, SOLID Principles, Unit Testing, Integration Testing

## Languages

**English**  
Native

**Arabic**  
Native