# 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**                           03/2025 - Present
Senior Flutter Developer (Part-Time)
https://siryah.tech

- **Leading the full development** of the NFH finance application, a fully contracted project built **from scratch**, taking end-to-end ownership of the mobile application.
- Designed and implemented the app using **Clean Architecture**, **BLoC**, and a **modularized codebase** to support customization and reusability across different clients and financial entities.
- Built all core modules including **authentication**, **loan request workflows**, **file uploads**, **notifications**, **biometric authentication**, and **full localization**.
- Collaborated closely with testers and project managers to clarify requirements, resolve blockers, and ensure smooth sprint execution.
- Contributed to pushing the project to **near completion**, coordinating development progress across backend, QA, and mobile.

**Crunch LTD**                           01/2025 - 12/2025
Senior Flutter Developer                           Dubai, UAE
https://www.getcrunch.app

- Improved the existing Crunch app by fixing major performance issues, enhancing UI/UX, and integrating new APIs.
- Added new features and implemented a cleaner navigation flow using **GoRouter**.
- Introduced **Easy Localization** and rebuilt key animations for smoother interactions.
- Developed a **Data Management System (DMS)** to streamline data handling, and implemented **Lean** Syncing using **Lean SDK** with **SSE** to improve real-time updates.
- Contributed to **Crunch 2.0.0**, rebuilding large parts of the UI, improving transitions, and cleaning the overall architecture using **BLoC**.

**Tayseer Finance**                           08/2024 - 03/2025
Senior Flutter Developer (Part-Time)                           Dhahran, Saudi Arabia
https://tayseerme.com

- Led the development of a **fully revamped new version** of the Tayseer Finance mobile app, rebuilding it using **MVC architecture** with **GetX** for state management.
- Enhanced the existing production app by fixing critical bugs, improving stability, and assisting in API issue resolution, as well as improving existing **New Loan System**.
- Improved startup time and overall performance, contributing to a smoother user experience.
- Worked together with backend developers and QA to solve integration issues and prepare the new version for release.
- Supported the release process and helped bring the new version to near completion.

**Codelink**                           06/2023 - 08/2024
Mid-Senior Flutter Developer                           Riyadh, Saudi Arabia
https://codelink.com.sa

- Built **Diet Watchers** and **Tawzea** from scratch with social auth, location tracking, responsive UI/UX, full API integrations, **real-time chat using Pusher**, and payment support via **Moyasar** and **Tabby**.
- Improved UI responsiveness and overall performance across projects.
- Collaborated in the overall development of **Noah**, **Smart Minds**, **Meer**, and **Hayatona Clinics**, contributing to feature implementation, issue resolution, and production-quality delivery.
- Used **BLoC**, **Riverpod**, and **GetX** for state management across different projects, selecting the approach based on the app's complexity and requirements.

**Plementus**                           02/2023 - 06/2023
Flutter Developer                           Cairo, Egypt
https://www.plementus.com

- Served as the sole full-time Flutter developer, building multiple apps (MRC, Red Bull Driver's App, Tamadon) from scratch and implementing key features such as authentication, API integrations, file uploads, location services, and notifications.
- Developed a fully integrated **Odoo mobile client**, enabling seamless interaction with Odoo APIs and business workflows.
- Delivered stable builds under tight timelines, consistently addressing issues and improving app functionality.

**Skysoft**                           10/2021 - Present
Flutter Developer (App Support)                           Mahala, Egypt
https://skysoft-eg.net

- Maintained an enterprise suite (Smart Sales, Smart Market, Smart Prices) and providing ongoing updates and stability improvements.

**Invasso**                           07/2021 - 02/2023
Junior Flutter Developer                           NJ, USA
https://invasso.com

- Developed multiple production apps (JTL Express, MXI App Suite, ML Bagels) with UI improvements and performance enhancements.
- Enhanced UI and user engagement by resolving interface issues and performance glitches.

## Projects

**SOLDOUT**                           08/2024 - 12/2025
Lead Software Engineer
https://soldout.sa

- Formed and led a technical team to revamp and scale an existing bidding application.
- Built end-to-end technical solutions across mobile and backend, contributing to a revenue increase of up to 60%.
- Built a clean, scalable codebase ready for future expansion, enabling the app to generate over **1 million SAR in under two years**.

## Education

**Ahram Canadian University**                           Aug 2016 - Seb 2020
Computer Science                           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

## Languages

**English**
Native

**Arabic**
Native