

Mohamed Mamdouh Amer

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Summary

Software Engineer with over 5 years of experience specializing in mobile application development. Skilled in designing, building, and maintaining high-quality cross-platform apps with strong proficiency in Flutter and Dart. Experienced in state management (BLoC, Provider, GetX, Riverpod), modern UI/UX implementation, API integrations, payment gateways, and real-time features. Adept at leading teams, mentoring developers, and applying engineering best practices to deliver scalable, user-centric solutions. Seeking a Software Engineer role with a focus on mobile innovation and product excellence.

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

Dubai, UAE

Senior Flutter Developer

<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

Dhahran, Saudi Arabia

Senior Flutter Developer (Part-Time)

<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

Riyadh, Saudi Arabia

Mid-Senior Flutter Developer

<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

Cairo, Egypt

Flutter Developer

<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

Mahala, Egypt

Flutter Developer (App Support)

<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

NJ, USA

Junior Flutter Developer

<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**.

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

Education

Ahram Canadian University

Aug 2016 - Sep 2020

Bachelor

Computer Science

Languages

English

Arabic

