

Ramadan Mohamed

Flutter Developer

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[LinkedIn](#) • [Portfolio](#) • [GitHub](#) • [WhatsApp](#)

Profile

Flutter Developer with an engineering background in Computer and Control Systems. Experienced in building cross-platform mobile apps using clean architecture, responsive UI, and Firebase/REST integrations. Focused on performance, maintainability, and delivering high-quality user experiences.

Education

Bachelor of Computer and Control Engineering at Assiut University, Egypt

October 2020 - July 2025

Grade: 83%

Graduated with a strong foundation in computer programming, control systems, and embedded technologies. Gained practical experience through academic projects and hands-on work with C, C++, Arduino, Raspberry Pi, and Python, building a solid base for a career in software and mobile development.

Employment History

Computer & Control Engineer | New Dirout Group of Regulators Project at RGSB

January 2026 - Present

Skills

Technical Skills: Flutter & Dart, SOLID principles, State Management Bloc & Provider, RESTful APIs & JSON integration, Firebase, Hive (local databases), Shared preferences, Responsive & Adaptive UI design, Localization, Local Notifications, Integration with third-party packages and APIs, Git & GitHub, Postman, Clean Architecture

Additional Skills: Problem-solving & analytical thinking, Collaboration & teamwork, Strong communication skills

Volunteering

AC Head at Robotics Team, Assiut

January 2025 - May 2025

- As the AC Head of the robotics team, I plan and manage training in Embedded Systems, ROS & Raspberry Pi, Hardware, and Computer Vision. I design learning paths with hands-on workshops and projects, mentor members, and oversee technical progress. I also support collaboration, guide project execution, and contribute to strategic decisions and competition readiness to boost the team's overall performance.

AC Member at Robotics Team, Assiut

October 2023 - January 2025

- As an AC member of the robotics team, I teach C programming and Arduino, mentor team members, and contribute to developing and implementing robotics projects, ensuring successful collaboration and completion.

AC Member at ASME Team, Assiut

September 2021 - July 2025

- As an AC member of the ASME team, I taught C++, Arduino, and Arduino Object-Oriented Programming (OOP) to team members, enhancing their technical skills and contributing to the successful participation in competitions.

Projects

صحة Islamic Prayer & Accountability App • [Google Play](#)

A cross-platform Flutter application designed to help Muslims build consistent spiritual habits through prayer tracking, azkar, Quran reading, tasbeeh, and social accountability groups. Implemented with BLoC/Cubit state management, Firebase services, GoRouter navigation, Hive/SharedPreferences for offline persistence, and structured offline sync queues. Features include prayer status tracking, group-based accountability, nudges and reminders, leaderboards, prayer garden gamification, Quran and Azkar modules, Qibla and prayer times, chat support, badges/streaks, admin dashboard metrics, and full Arabic localization with RTL-friendly UI.

البداية — Arabic & Math Learning App (In Closed Testing) • [Google Play](#)

An interactive cross-platform Flutter educational app designed to teach Arabic alphabet and basic Math to children and adult beginners. Implemented Bloc state management with GetIt DI and GoRouter navigation, and Hive for offline-first local storage. Features include real-time SVG letter tracing with stroke accuracy evaluation, text-to-speech letter pronunciation, speech recognition for pronunciation practice, sequential 3-level learning progression, placement test for level detection, word search and memory games, math exercises, and completion certificates — all built with full RTL support to deliver an authentic Arabic learning experience.

PayMinder — Smart Payment & Bills Reminder App • [Google Play](#)

A cross-platform Flutter application for tracking recurring bills and payment deadlines. Implemented with Riverpod state management, Hive for fully offline local storage, and flutter_local_notifications for scheduled payment reminders. Features include multi-currency support, Hijri/Gregorian calendar integration, periodic summary notifications (weekly/monthly/semi-annual/yearly), CSV export/import, home screen widget, and full localization with RTL support for Arabic.

Job Tracker • [Google Play](#)

A cross-platform Flutter job search management app (iOS/Android) with AI-powered features using the Gemini API. Implemented Bloc/Cubit with HydratedBloc for persistent state, and Hive for local offline storage. Features include full application lifecycle tracking (Applied → Interviewed → Offer/Rejected), CV/Resume attachment with .docx text extraction, AI-generated cover letters and follow-up emails, interview preparation suggestions, fl_chart dashboard with search progress insights, scheduled follow-up reminders via local notifications, and CSV export/import.

Social Media App • [GitHub](#)

Built a cross-platform Flutter social app (iOS/Android) with Firebase Auth, Firestore and Supabase storage. Implemented Bloc, repository pattern with GetIt DI, and GoRouter navigation. Features include real-time feed, image uploads, comments, likes, profile editing, and search.

Student Attendance Management System

The Student Attendance Management System is a mobile application developed using Flutter (Dart) with Firebase for authentication and data storage. This application aims to simplify attendance tracking for educational institutions, enabling administrators (doctors/teachers) to efficiently manage subjects and monitor student attendance.

Responsive Adaptive Design Dashboard

A responsive Flutter dashboard app with adaptive layouts, custom widgets, smooth animations, and dynamic charts for seamless multi-device user experience.

My Portfolio Using Dart & Flutter • [GitHub](#)

A personal portfolio showcasing my projects and skills.

Slogan App • [GitHub](#)

An application designed to enhance your training experience, all built using the versatile Flutter framework.

Certificates

Deep Dive into Clean Architecture in Flutter from Udemy Eng: Tharwat Samy • Link	November 2025
Flutter Advanced Course Bloc and MVVM Pattern from Udemy Eng: Tharwat Samy • Link	September 2025
Mastering Flutter Responsive & Adaptive UI Design from Udemy Eng: Tharwat Samy • Link	August 2025
Complete Flutter & Dart Development Course from Udemy Eng: Tharwat Samy • Link	October 2024
Flutter Development Course from Easy Learn Academy • Link	September 2024
Best Team Competition from Easy Learn Academy • Link	June 2024
Dart & OOP from Udemy Eng: Usama Elgendy • Link	April 2024
Git & GitHub from Udemy Eng: Tharwat Samy • Link	April 2024

Languages

Arabic - Native

English - Conversational