Ramadan Mohamed

Flutter Developer

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Assiut

LinkedIn • Portfolio • GitHub

I graduated from the Faculty of Engineering, Assiut University, with a specialization in Computer and Control Engineering. My academic background provided me with a solid foundation in C, C++, Electronics, and Embedded Systems, complemented by hands-on experience with Arduino, Raspberry Pi, and Python. Currently, I am working as a remote Flutter developer freelancer, where I design and build cross-platform mobile applications. My focus is on creating efficient, scalable, and user-friendly solutions, while continuously enhancing my skills in Flutter and Dart. I am passionate about software development and committed to growing as a professional Flutter developer, contributing to innovative projects in the tech industry.

Education

Bachelor of Computer and Control Engineering at Assiut University, Egypt

October 2020 - July 2025

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.

Skills

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

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

Volunteering

AC Member at Robotics Team

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 Head at Robotics Team

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 ASME Team

September 2021 - July 2025

- As an AC member of the ASME team, I teach C++, Arduino, and Arduino OOP, while also contributing to competitions. My role includes guiding technical learning, mentoring members, and collaborating on projects to support the team's success.

Projects

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.

My Portfolio Using Dart & Flutter • ↗

A personal portfolio showcasing my projects and skills.

Slogan App • ↗

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

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.

XO Game • ↗

A classic Tic-Tac-Toe game (single and multiplayer) to enjoy with friends.

Calculator • ↗

Calculator with more than one design in one application.

News App • ↗

A news aggregator app delivering the latest headlines.

Weather • ↗

A weather app providing forecasts and climate information from an API.

Notes Application • ↗

A Notes Application that helps users manage their notes effortlessly with a sleek and modern interface. Whether you want to jot down quick ideas or keep track of tasks, this app makes it super easy

Tasbih • ↗

An Islamic application for daily praise.

Certificates

Dart from Udemy | Eng: Usama Elgendy

April 2024 • ↗

Complete Flutter & Dart Development Course from Udemy | Eng: Tharwat Samy

October 2024 • ↗

Flutter Development Course from Easy Learn Academy

September 2024 • ↗

Mastering Flutter Responsive & Adaptive UI Design from Udemy | Eng: Tharwat Samy

August 2025 • ↗

Flutter Advanced Course Bloc and MVVM Pattern from Udemy | Eng: Tharwat Samy

Git & GitHub from Udemy | Eng: Tharwat Samy

April 2024 • ↗

Best Team Competition from Easy Learn Academy

June 2024 • ↗

Languages

Arabic - Native

English - Conversational