HAZEM MOHAMED

FLUTTER DEVELOPER

CONTACT

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Yaquta tower, El raml youth city, Alexandria, Egypt

SKILLS

- Flutter/Dart
- Android development background (Java/Kotlin)
- State Management (Provider, Redux)
- Integration of REST APIs and third-party libraries
- Firebase
- OOP/Design Patterns
- SQL
- Git/GitHub
- IoT background
- Teamwork
- Problem Solving
- Continuous Learning

EDUCATION

Faculty of Computer And Data Science - Alexandria University

2021-2025

LANGUAGES

Arabic

English

AWARDS

3rd place - IEEE victoris Mansoura Branch

GITHUB

https://github.com/hazemxiii

PROFILE

A passionate Flutter developer with over a year of experience building cross-platform mobile applications. Proficient in Dart programming and the Flutter framework, with a strong understanding of state management techniques, responsive design principles, and integrating third-party APIs. Experienced in creating intuitive, user-friendly interfaces and optimizing app performance. Skilled in working with local storage solutions (SQLite, Shared Preferences), and backend integrations (RESTful APIs, Firebase). Adept at writing clean, maintainable code and version control. Committed to staying updated with the latest trends in mobile development and looking to contribute to innovative projects that challenge my skills while helping users solve real-world problems through technology.

PROJECTS

- **Muslim Prayer App (https://github.com/hazemxiii/prayerapp)**
A comprehensive mobile application designed for Muslims. The app includes features for daily prayer times, a digital Tasbih (counter for dhikr), and a Qiblah direction feature using the device's GPS. It provides users with accurate prayer timings based on location, allows them to keep track of their dhikr with the Tasbih, and helps them find the direction of the Qiblah for prayer, regardless of where they are.

Technologies: Flutter, Dart, Location Services (for prayer times and Qiblah), Shared Preferences (for storing user preferences), Provider (State Management), Background Services (to show next prayers & notification [in-progress])

- **Home Screen Quotes App (https://github.com/hazemxiii/home_quote)**
A minimalist mobile application that displays a new quote on the home screen. The user types their favorite quotes and the app displays them in an aesthetically pleasing, easy-to-read layout while changing the displayed quote on user command or the background. The app also includes the option export your quotes as file and import them back. With the ability to change all app colors to fit on the user wallpaper

Technologies: Flutter, Dart, File management, SharedPreferences, Provider (State Management), work manager (to change quotes in the background), Android home screen widget

- **Quizzes platform app (https://github.com/hazemxiii/e_learning)**

A cross-platform mobile application that allows users to take quizzes on various topics, track their performance, and access personalized results. The app is developed using Flutter for the frontend, ensuring smooth user interfaces and cross-platform compatibility (iOS and Android), and Firebase for the backend, providing real-time data synchronization, user authentication, and cloud storage.

Technologies: Flutter, Dart, File management, Provider (State Management), Firebase (Authentication & Firestore)

- **Graduation project (Muthmir)**
A Smart Greenhouse System designed to monitor and optimize the growing environment for plants, providing control through an intuitive mobile app built with Flutter. The system leverages IoT sensors to collect data such as temperature, humidity, soil moisture, and light intensity, with a mobile app allowing users to remotely monitor and manage greenhouse conditions from anywhere.

Technologies: Flutter, Dart, Esp32, Firebase, Platform Io