

Abdelrahman Ragab Owais

abdelrhman1ragab2@gmail.com | [LinkedIn](#) | [GitHub](#) | +201550886075 | Giza

Flutter Developer with 1 year of experience, seeking a challenging position to contribute my expertise in developing innovative and user-friendly mobile,web, and desktop applications.

EDUCATION

Helwan University - Bachelor in Electronics and Communication Engineering Computer Department

July 2017 – June 2022

- **Related Courses:** Software Enginner - Network - Data structures and algorithms.
- **Grade:** good.

SKILLS

- Programming Languages: Dart, Php, Java
- Technologies : Flutter, Firebase, Git, Android
- Database: SQL, NoSQL
- Design patterns , Architecture patterns
- State Management: GetX, Provider, BLOC
- SOLID principles
- SDLC Concept
- REST API
- Problem-solving abilities

Experience

- Android Development training at Information Technology Institute (ITI)
- Flutter Development training in SimpleLife EG
- Cybersecurity training at Helwan College

PROJECTS

Smart Student Attendance System - system aims to facilitate the attendance process (graduation project). 2022

- Developed a Smart Students Attendance System to facilitate the attendance process, leveraging technologies such as Flutter, Firebase, QR code scanning, local file storage, and face authentication.
- **Features Implemented:**
 - Base Role Authentication: Implemented a role-based authentication system to ensure secure access to the system by different user roles, such as administrators, teachers, and students.
 - Scalability for a Large Range: Designed the system to handle a large number of students and classes, ensuring scalability and performance.
 - Easy Integration of Mobile App with Website: Developed a mobile application and website components that seamlessly integrate with each other, allowing users to access the system from both platforms.
 - QR Code and QR Code Scanner: Utilized QR codes and a QR code scanner to simplify the attendance process. Students can scan their unique QR codes to mark their attendance quickly and accurately.
 - Firebase and Local File Storage: Leveraged Firebase for cloud storage and synchronization of attendance data, while also utilizing local file storage for offline support and quick access to data.
 - Face Authentication: Implemented face authentication as an additional security measure for administrators and teachers, ensuring secure access to the system.
 - Followed a robust project structure, ensuring code organization, reusability, and maintainability. Utilized modularization and separation of concerns to enhance project scalability and development efficiency.

Todo app - simple todo desktop application 2023

- Developed a Todo desktop application using Flutter framework, Hive database, Provider state management, and following the MVC (Model-View-Controller) architecture pattern.
- **Features Implemented:**
 - Note Taking: Provided functionality for users to write and save notes, ensuring easy access and retrieval of important information.
 - Task Management: Enabled users to create, update, and complete tasks, facilitating effective organization and productivity.
 - Day Summary: Allowed users to write daily summaries, capturing important events and reflections for future reference.
 - Folder Organization: Implemented a folder system to organize notes, tasks, and summaries, providing a structured approach to document management.

This is link for simple video for application [Todo](#)

Rayban - Contracting company website 2023

Developed a website for Rayban Construction Company using Flutter framework and Firebase, following the MVC architecture pattern.

- **Technologies Used:**
 - Flutter , Firebase, Git, Hostinger
- **State Management:**
 - Utilized GetX as the state management solution to efficiently manage the website's state, handle localization, and facilitate page routing.
- **Architecture Pattern:**
 - Implemented the MVC (Model-View-Controller) architecture pattern to separate the concerns of data management, UI presentation, and user interactions.
- **Features Implemented:**
 - Construction Services: Showcased a range of construction services provided by Rayban Construction Company, highlighting expertise and specialties.
 - Contact Us: Included a contact form and contact details to enable users to reach out for inquiries or requests.
 - About Us: Presented comprehensive information about the company, including its history, mission, values, and team.
 - Vision 2030: Described the company's long-term vision, goals, and commitment to sustainable and innovative construction practices.

This is link for application [Rayban](#)

Chatt App - simple, fast, closed chatting application 2023

- **Technologies Used:**
 - Flutter , Firebase, Git
- **State Management:**
 - Implemented the Provider package as the state management solution for the application, ensuring efficient state handling and synchronization across different screens and components.
- **Architecture Pattern:**
 - Implemented the MVC (Model-View-Controller) architecture pattern for better separation of concerns and code organization.
- **features:**
 - User Registration and Authentication
 - Friend Management
 - Real-time Messaging
 - Image Sharing
 - Message Replies
 - Status Updates

Other projects : Bookly app, Meals app, Car controlling app