

# Abdelrahman Ragab Owais

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Junior Flutter Developer with a passion for creating mobile applications. Skilled in designing efficient and user-friendly interfaces with an understanding of the importance of high-quality code.

## EDUCATION

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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.

## Experience

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

## Technical Skills

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- Programming Languages: Dart, 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

# PROJECTS

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## **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:**
  - Role Base Authentication
  - Face Authentication
  - QR Code and QR Code Scanner
  - Firebase and Local File Storage
  - Scalability for a Large Range
  - Easy Integration of Mobile App with Website

## **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 Implemented:**
  - User Registration and Authentication
  - Friend Management
  - Real-time Messaging
  - Image Sharing
  - Message Replies
  - Status Updates

## **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](#)

## **Other projects :**

- Bookly app
- Meals app
- Car controlling app