Abdelrhman Mohamed

Software Engineer - Flutter Developer

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Linkedin , **Github** ,

Location : Zagazig, Sharqia, Egypt   ,   **Birthday :** 16 Nov 2002

Skills

- **Programming & Concepts**
  Dart (OOP) | C++ | Python | Clean Code | SOLID Principles | Data Structures | Problem Solving | Git | Agile Methodologies
- **Flutter Development**
  Cross-platform Mobile Apps | UI/UX Implementation | State Management (Bloc | Cubit | GetX) | RESTful API Integration | Deployment | CI/CD | Testing & Debugging
- **Architecture & Pattern**
  MVVM | Clean Architecture | BLoC Pattern | MVC
- **Firebase & Backend Integration**
  Firestore | Firebase Storage | Firebase Cloud Messaging
- **Local Storage**
  SQLite | Hive | Shared Preferences
- **Tools & Other Skills**
  GitHub | VS Code | Android Studio | Communication | Teaching & Mentoring

Experience

- **Flutter Instructor – IEEE Core Team**
  Jan 2024 – Present
  Led Flutter sessions | Taught Bloc & Cubit | Mentored beginners
- **Flutter Developer – Payer EG**
  Jan 2023 – Jan 2024
  Built Flutter apps | UI/UX collaboration | API & Firebase integration
- **Flutter Developer – Scorpion**
  Jan 2022 – Jan 2023
  Developed mobile apps | Used Clean Architecture & Bloc | API integration

Education

Bachelor's Degree **in Management Information Systems**
Obour Higher Institute for Management, Computers & Information Systems
Grade: Very Good

Projects

- **Smart Chess – Graduation Project (GitHub)**
  Flutter | Arduino | Raspberry Pi
  Developed a smart chess board integrating hardware & mobile app | Led the app UI/UX & part of hardware logic
  Ranked Excellent with Honors
- **E-Commerce App (GitHub)**
  Flutter | RESTful API
  Online shopping app with login, product browsing, cart & order tracking
- **Movies App (GitHub)**
  Flutter | REST API
  App to explore trending & upcoming movies | Features: search, filters, details
- **To-Do App (GitHub)**
  Flutter | Sqflite | Bloc
  Task management with add/edit/delete | Date filter & clean UI

Certificates

- **Flutter Development – Route Academy (link)**
- **Flutter Developer – NTI (link)**
- **IEEE Instructor Recognition (link)**
- **1st Place – Ramadan Flutter Competition (link)**
- **1st Place – Website Development Competition (link)**