

# Moamen Mohamed Magdy

Flutter Developer || Software Engineer

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🛡 Exempted 🌐 LinkedIn 🐙 GitHub

## Summary

Passionate Software Engineer with hands-on experience in Flutter development, building and optimizing real-world apps across e-commerce, gaming, and productivity. I am skilled in creating responsive UIs, integrating APIs, and applying Clean Code principles to deliver scalable, high-performance solutions.

## Experience

### **Coding Instructor – iSchool – Part-time** **July 2025 – September 2025**

iSchool is an EdTech company that provides coding and technology education for school students, helping them build strong foundations in programming, AI, and game development

- Taught Grades 4–6 programming fundamentals, Python, AI concepts, and game development (Godot, GDScript).
- Designed lessons on algorithms, flowcharts, loops, and conditionals, mentoring students through projects.

### **Flutter Developer – Grand Technology – Internship** **January 2025 – April 2025**

Grand Technology is a software company delivering innovative mobile, web, and IT solutions with a focus on scalability and user experience.

- Built and optimized UIs for Brainiacs (cognitive training app) and Buy2 (HR platform).
- Implemented API integrations, improved usability, and applied Clean Code & Clean Architecture.

### **Flutter Developer – Sanay3y Team – Online Training** 🔄 **July 2023 – September 2023**

Sanay3y is a developer team project focused on building mobile solutions using Flutter and backend integration, aiming to connect clients with skilled technicians.

- Developed cross-platform UIs and integrated APIs for a mobile app connecting clients with technicians.
- Focused on responsive design, real-time data display, and collaboration with backend team.

## Education

Bachelor of Management Information System  
Faculty of Higher institute of Computers and information Technology, Shorouk Academy  
Graduate: August 2019 – June 2022

### **Graduation Project – Smart Hotel Guide App**

A Flutter-based app that provides hotel visitors with location-based notifications and key details, using device coordinates to deliver automatic, real-time updates across different hotel areas.

## Projects

### Consultant App 📱

An online consulting app with Clean Architecture and MVVM, featuring voice/video/chat communication, consultant booking, advanced filtering, and real-time support.

### Restaurant App 📱

A scalable restaurant app with Clean Architecture and MVVM, integrating secure APIs, localization, state management, and responsive UI/UX.

### Social App 📱

A social networking app enabling authentication, profiles, posts, likes, and comments to build a digital community.

### Shop App 📱

An e-commerce app with real-time product updates, authentication, and a user-friendly shopping experience.

## Courses And Certificates

- C++ (OOP, Data Structures & Algorithms)
- Dart & Flutter (Clean Architecture, Clean Code, Refactoring)
- System Analysis & Design (Use Cases, Domain Modeling, DFDs)
- English Course – Form 4Level1

## Technical Skills

- Flutter Development: State management (Bloc, Cubit, Provider), responsive UI, animations
- Backend Integration: REST API integration, Firebase, Google Maps, JSON, Postman
- Version Control: Git, GitHub, Bitbucket
- Software Development Principles & Design: OOP, SOLID, design patterns, Clean Code, MVVM

## Interpersonal Skills

Teamwork | Communication | Adaptability | Willing to Learn | Critical Thinking | Logical Thinking

## Languages

Arabic: Native/Bilingual

English: B2 (Upper-Intermediate)