Youssef Yasser Mohamed Hassan Marei

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Location: (Cairo, Egypt)

Objective:

High-achieving Computer Science graduate with proven expertise in cross-platform development using **Flutter, Dart, and Firebase**. Seeking a **Mobile Developer** role to leverage strong **OOP** and **State Management** skills to deliver robust and efficient applications

Education:

Bachelor of Computers and Information Technology

Future University in Egypt — in collaboration with the University of Cincinnati | October 2021 – June 2025

CGPA: 3.5-VeryGood

Projects:

MediBot App (Graduation Project) – Grade: A

Health assistant mobile application built using Flutter and Firebase

- Designed and developed a complete health companion app with medication reminders and AI chatbot integration.
- Implemented Firebase Authentication, Firestore database, and image uploading.
- Used Provider for state management and supported Arabic/English localization.

Bakery Shop Website

- Created a responsive static website using HTML & CSS to display products.

Hospital Management System

- Developed a Java GUI desktop application simulating hospital data workflows using OOP and file handling.

Clothing Store Website (.NET)

- Built a basic e-commerce website interface using ASP.NET and SQL Server.

Merge Sort Visualizer

- Implemented a Java GUI tool to demonstrate how merge sort works step-by-step.

Charity Management Web App

- Developed a Java web application for managing donations and volunteers.

Turka Wear – E-Commerce Mobile App (Flutter)

- Built a **production-ready e-commerce mobile application** using **Flutter** and **Firebase**, following **Clean Architecture** principles.
- Implemented **authentication, product catalog, cart, checkout, wishlist, and order tracking** with real-time updates.
- Developed **admin features** for product management, inventory control, and order status updates.
- Used **Flutter BLoC** for state management, **GoRouter** for navigation, with **English/Arabic localization** and **Dark/Light mode** support.

Internship:

Flutter Developer Intern

Route – Future University in Egypt | June 2024 – August 2024

- Developed and maintained responsive mobile applications using **Flutter** and **Dart**, ensuring compatibility across iOS and Android platforms.
- Translated UI/UX designs into clean, reusable code while adhering to **Object-Oriented Programming (OOP)** principles.
- Implemented **State Management** solutions (such as **Provider**) to handle application state efficiently and improve performance.

Courses:

- Cambridge English course at future university in Egypt.
- Microsoft Office 365 at future university in Egypt.

Technical Skills:

Languages & Frameworks:

- Dart, Java, C++, Python, SQL, HTML, CSS, C#, C

Mobile & Web Development:

- Flutter, Firebase (Auth, Firestore, Storage), ASP.NET

Core Concepts:

- OOP, REST APIs, State Management, Localization