

Omar Emad Mohamed Ahmed

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SUMMARY

Results-driven Business Administration senior majoring in Management Information Systems (MIS) at Future University in Egypt (FUE). Combines a solid understanding of business workflows with hands-on experience leading technical teams, managing database architectures, and deploying full-stack mobile applications. Proven ability to guide a project from conceptual design to a functional product, manage data synchronization, and present technical solutions to industry leaders. Eager to bring leadership, technical literacy, and a strong analytical mindset to a dynamic development and digital solutions team.

EDUCATION

Bachelor of Business Administration – Major in Management Information Systems (MIS)

Minor in Marketing • Future University in Egypt (FUE) • 2026 • 3.71 GPA

• Relevant Coursework: Systems Analysis and Design, Database Management Systems, Business Process Modeling, Software Engineering Foundations, Information Systems Security.

CERTIFICATIONS

Mobile Development Using Flutter (84-Hour Intensive Course)

Information Technology Institute (ITI) • February 2026

- Completed an intensive technical track covering professional mobile engineering workflows:
- Dart Programming: Object-oriented programming foundations (24 Hours).
- Flutter Framework: Building responsive user interfaces and cross-platform layouts (36 Hours).
- Firebase Integration: Connecting cloud infrastructure for backend services (12 Hours).
- State Management: Architecting scalable, maintainable application logic (12 Hours).

PROJECT

Graduation Project: MediMatch – Cross-Platform Medical & Pharmacy Assistant

- Project Leadership: Managed the development lifecycle, coordinated team tasks, and aligned technical milestones to deliver a scalable, multi-role mobile application.
- Cloud & Local Data Integration: Architected a hybrid data model utilizing Firebase for secure user authentication and profile synchronization alongside a local SQLite database optimized for high-performance medication and pharmacy data retrieval.
- Algorithm & Safety Logic: Developed a smart Drug Interaction Checker that cross-references active ingredients against personalized user health profiles (allergies, chronic conditions, current medications) to categorize and alert users to clinical risk levels.
- API & Geolocation Services: Integrated the Google Maps SDK and Geolocator APIs to deliver real-time, location-based pharmacy tracking and drug availability mapping.
- Comprehensive User Onboarding: Engineered a detailed health-profile onboarding workflow to capture critical user data, including age, gender, pregnancy status, and chronic conditions, ensuring tailored medical safety checks.

SKILLS

Leadership & Strategy: Agile Project Management, Team Coordination, Systems Thinking, Requirements Gathering

Mobile Development & Frameworks: Flutter, Dart, Android/iOS deployment concepts

Backend & Cloud Services: Firebase (Auth & NoSQL), FastAPI (Python)

Databases: SQLite, Relational Database Management (SQL)

Tools & Environment: Git, GitHub, VS Code

Languages: Dart, Python, HTML, CSS, SQL

Soft Skills: Technical Presentation, Cross-Functional Communication, Problem-Solving, Analytical Thinking