






Omar Amer | Flutter Developer

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Skills

- Proficient in Flutter framework and Dart programming language | Responsive and Adaptive UI Design
- Cross-Platform Mobile Development (iOS & Android) | RESTful APIs Integration | Firebase Integration
- State Management (Provider, Bloc, GetX) | Clean Architecture | Architectural Patterns: MVVM, MVC
- Performance Optimization | CI/CD Implementation | Familiarity with JSON | Strong problem-solving
- Offline Storage Solutions | Git and GitHub | SOLID Principles | Design Patterns | Clean Code

Education

Faculty of Computer Science and Artificial Intelligence, Matrouh University

Bachelor of Computer Science 2020 - 2024

- **GPA: 3.2 (B)**, Graduation Project (**Excellent**) | A **Flutter** mobile app integrated with an **IoT** device in vehicles to detect fire or smoke, sending real-time alerts to users with push notifications and sound. It also provides sensor status, car location, and fire detection statistics.

Projects

- **Skill Swap** is a mobile app that allows users to exchange skills and services with one another. Built using **Flutter**, the app leverages **GetX** for state management and **Firebase** for real-time data storage and user authentication. It enables users to connect, offer their skills, and find help in areas they need.
- **Notes App**: Created a cross-platform notes application using Flutter. Implemented **CRUD** operations for managing notes and integrated cloud storage for data synchronization.
- **Weather App**: Developed a weather forecasting app using Flutter. Integrated with a weather **API** to fetch real-time weather data and displayed forecasts with an intuitive UI.
- **Bookly App**: Developed a cross-platform mobile application, "Bookly," using Flutter to help users discover and read free books online. Utilized various **APIs** and web scraping techniques to fetch free books from public domain repositories and online libraries.
- **Chat App**: Built a real-time chat application using Flutter and **Firebase**. Implemented authentication, messaging, and notification features.
- **News App**: Developed a news aggregation app using Flutter. Integrated with a news **API** to fetch the latest headlines and implemented features for browsing and bookmarking articles.

Languages

- Arabic
- English