Alaa Ali Mousa

Flutter Developer — Mobile App Development — Cross-Platform Specialist

📍 Alexandria, Egypt ✉ alaamosa3322@gmail.com 📞 01064886318 **in** Alaa Ali Mousa

Summary

Motivated and detail-oriented Flutter Developer with hands-on experience in building cross-platform mobile applications using **Dart**, **Flutter**, and **Firebase**. Specializing in designing clean, modern UIs with efficient state management and real-time data integration. Passionate about creating high-performance, scalable apps with a focus on **user experience** and **performance optimization**. Adept at working with **RESTful APIs**, **SQLite**, and implementing modern architectural patterns like **Provider** and **Riverpod**.

Education

Delta Technology University – IT Software Major *Sept 2022 – Expected June 2026*
Bachelor's Degree in Information Technology and Software
Current Status: *4th Year Student (Expected Graduation: June 2026)*
Academic Excellence: *Achieved Distinction Grade (Excellence Appreciation) in the last three academic years.*

Skills

Core Development: Flutter, Dart, SQL, Firebase, REST APIs, JSON, OOP, Mobile App Development
State Management: Provider, Riverpod, setState
UI/UX Design: Component-based UI, Light/Dark Mode, Responsive UI, User-Centered Design
Tools: Git, GitHub, Postman, Android Studio, Visual Studio Code, Agile Development

Experience

Flutter Developer Trainee – Digital Egypt Pioneers Initiative (DEPI) *2025 – 2026*
Ministry of Communications and Information Technology (MCIT), Egypt

○ Currently training as a **Flutter Developer** in the Digital Egypt Pioneers Initiative (DEPI).
○ Gained strong foundation in **mobile application development** and modern software engineering practices.

Technical Skills Acquired:

○ Flutter framework for cross-platform mobile app development.
○ Dart programming language and object-oriented programming concepts.
○ Firebase services including Authentication and Firestore.
○ RESTful API integration and JSON data handling.
○ State management using Provider and Riverpod.

Soft Skills Developed:

○ Communication and teamwork in collaborative environments.
○ Problem-solving, time management, and adaptability.

Projects

Smart Irrigation System (IoT)

○ Developed an automated irrigation system using **Arduino**, water pumps, and moisture sensors.
○ Enabled real-time monitoring and automatic water control for efficient irrigation.

Flower App (Flutter)

○ Created an e-commerce app with **Flutter** for managing a cart, favourites, and product filtering.
○ Built smooth animations and a responsive UI for a better user experience.

News App (Flutter)

○ Developed a news app that fetched live global news using a **REST API**.

○ Implemented smooth navigation and caching for better performance.

Chat App (Flutter + Firebase)

○ Created a real-time chat app using **Firebase Authentication** and **Firestore**.

○ Included features like message timestamps, chat rooms, and user login functionality.

Weather App (Flutter)

○ Built a weather app that fetched data from the OpenWeatherMap API.

○ Designed dynamic UI based on temperature and weather conditions.

Courses

Flutter & Dart − Cerativa Menof   *2025*

○ Studied Flutter framework for building cross-platform mobile applications with a strong focus on UI development.

○ Learned Dart programming fundamentals, object-oriented principles, and state management techniques.

Flutter & Dart − Easy Learn Academy   *2025*

○ Developed complete mobile applications using Flutter with real-world use cases and best practices.

○ Gained hands-on experience in Firebase integration, RESTful APIs, and application architecture.

AI − Huawei ICT Academy   *2025*

○ Learned core artificial intelligence concepts including machine learning fundamentals and AI workflows.

○ Explored practical applications of AI in modern software systems and smart technologies.

Data Science − Cisco   *2024*

○ Covered data analysis fundamentals, data processing techniques, and basic statistical concepts.

○ Worked with real-world datasets to support data-driven decision making.

IoT − Cisco   *2024*

○ Studied Internet of Things concepts including sensors, controllers, and connected systems.

○ Applied IoT principles in practical scenarios involving automation and data collection.

Languages

Arabic (Native), English (Intermediate)