

Alaa Ali Mousa

Mobile App Developer — Cross-Platform (Flutter)

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 [LinkedIn](#)

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Profile

Motivated Flutter Developer with a strong understanding of Dart, Firebase, RESTful APIs, and real-time data integration. Experienced in building cross-platform mobile applications with clean architecture, responsive UI, and efficient performance. Passionate about creating smooth, modern user experiences and continuously improving through new technologies.

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 for three consecutive academic years.

Experience

Flutter Developer – Personal & Academic Projects

2022 – Present

- Developed multiple cross-platform mobile applications using Flutter and Dart.
- Built applications using Firebase Authentication, Firestore, Local Storage (SQLite), and RESTful APIs.
- Applied modern state management patterns including Provider, Riverpod, and setState.
- Designed navigation flows, theming (Light/Dark Mode), and component-based UI.
- Implemented and optimized backend-like logic including validation, caching, and data handling.

Lead Developer – Flower App Project (Major Flutter Application)

2023 – 2024

- Developed a fully functional e-commerce-style mobile app.
- Built complete custom database (local + simulated backend).
- Implemented cart, favourites, category filtering, product details.
- Designed smooth animations and fully responsive UI.

Mobile Developer – Problem-Solving & Practice Projects

2022 – 2024

- Completed 10+ practical apps (Authentication, APIs, state management).
- Built Chat App, Weather App, News App, Toku App.
- Improved debugging, UI/UX optimisation, performance tuning.

Projects

Smart Irrigation System (IoT)

- Built an automated irrigation system using Arduino, a water pump, and moisture sensors.
- Implemented real-time monitoring and automatic water control for efficient irrigation.

Food App (Flutter)

- Designed a full recipe app with images, ratings, and API-based data fetching.
- Implemented search, categories, details screens, and state management.

Car Rental System (Java)

- Desktop app featuring car booking, admin panel, and SQL-based data storage.
- Added login system, validation, and reservation history.

Flower App (Flutter)

- Built a complete shopping app with cart, favourites, and product filtering.
- Applied clean UI and responsive design principles.

News App (Flutter)

- Fetched live global news using REST API with categorised sections.
- Implemented caching and smooth navigation for better user experience.

Counter Basketball (Flutter)

- Simple score-tracking app for two teams with clean UI.

Toku App (Flutter)

- A Japanese vocabulary learning app using local data storage.
- Included categories, audio pronunciations, and interactive UI.

Chat App (Flutter + Firebase)

- Implemented real-time chatting using Firestore and Firebase Authentication.
- Added user login, message timestamps, and chat rooms.

Weather App (Flutter)

- Displayed weather data from OpenWeatherMap API.
- Designed dynamic UI based on temperature and weather conditions.

Skills

Technical Skills: Flutter, Dart, SQL, Firebase, Git, REST APIs, JSON, Web Programming, OOP

Soft Skills: Communication, Teamwork, Problem Solving, Time Management, Adaptability

Certifications

- | | |
|---------------------------------------|------------------------------|
| • Flutter & Dart (Cerativa Menof) | • Data Science (Cisco) |
| • Flutter & Dart (Easy Learn Academy) | • Internet of Things (Cisco) |
| • Flutter (Sprints) | • Cyber Security (Cisco) |
| • Flutter & Dart (ITI) | • AI (Huawei ICT Academy) |