

# Ahmed Othman Al Halwagy

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## Profile

A highly motivated and detail-oriented Flutter Developer with a strong foundation in mobile app development and experience in building cross-platform applications for Android and iOS. As a fresh graduate in Computer Science, Successfully completed several projects utilizing Flutter and Dart, demonstrating proficiency in developing scalable, high-performance apps. My projects have involved collaborating with designers, working with REST APIs, and implementing responsive UI/UX designs.

## Education

- **Graduation Year:** 2024
- **Degree:** Bachelor's Degree in Computer Science and Information Systems (Computer Science Department) Suez Canal University, Ismailia, Egypt
- **Overall Grade:** Excellent with Honors
- **Experience Level:** Entry-level

## Training Courses

- **ITI (summer training):** Mobile Development using Flutter Suez Canal University [2023](#)
- **CS50 (CS50x):** Introduction to Computer Science Harvard University (Online) [2021](#)

## Professional Experience

- **Flutter Developer (Full-Time)**

**Proactivesoft, Smart Village, Giza, Egypt**

**(Apr 2025 – July 2025)**

- Developed and maintained mobile applications for enterprise resource planning (ERP) and automotive service systems.
- Built a customer-facing app from scratch for car service centers, enabling users to manage vehicles, track repairs, book reservations, and monitor ongoing maintenance.
- Designed and implemented responsive UI screens with Flutter and Material Design, ensuring smooth user experience across Android devices.
- Utilized Cubit for scalable and maintainable state management, coordinating multi-screen navigation and dynamic data updates.
- Integrated RESTful APIs via Dio for user authentication, data syncing, and seamless interaction between frontend and backend services.
- Contributed enhancements and new features to existing apps, including HR-focused employee portal and service center staff tools.

- Implemented complex car reservation and scheduling flows for both customers and internal employees, handling form validation, dynamic selections, and time slot availability.
- Refactored legacy code to improve modularity, state isolation, and code readability.
- Tested and debugged features on physical devices and emulators, ensuring reliability and stability in real-world usage.
- Collaborated within an Agile team using Git for version control and daily task management.

## Projects

- **Countries App**

A responsive and animated Flutter application that allows users to search for cities and view real-time weather data. Features include current temperature, weather conditions, hourly and daily forecasts, and additional details like humidity and wind speed. The app also incorporates a "Current Location" feature for instant weather updates based on user location

**Technologies Used:** Flutter, Dart, Cubit (Bloc), Http, SharedPreferences

**Link:** [GitHub](#), [Demo Video](#)

- **News App**

A Flutter-based news app that delivers the latest and trending news with key features like keyword search, language filters, and sorting options for user customization. Quick-access buttons for top news categories are integrated, allowing users to filter and explore news within each category. The app provides a detailed view for each news item, with responsive design and smooth animations.

**Technologies Used:** Flutter, Dart, Cubit (Bloc), Http

**Link:** [GitHub](#), [Demo Video](#)

- **Weather App**

Developed a responsive and animated Flutter application that allows users to search for cities and view real-time weather data. Features include current temperature, weather conditions, hourly and daily forecasts, and additional details like humidity and wind speed. The app also incorporates a "Current Location" feature for instant weather updates based on user location.

**Technologies Used:** Flutter, Dart, Cubit (Bloc), Http, SharedPreferences, Geolocation

**Link:** [GitHub](#), [Demo Video](#)

- **EAMS (Employee Affairs Management System) (graduation project)**

An ERP-based workforce management app designed in Flutter.

EAMS, a SaaS application targeting small businesses and enterprises, provides comprehensive employee management, attendance, and payroll solutions. The app supports multiple companies and user roles (Admin and Employee), enabling companies to streamline workforce affairs from hiring to retiring employees. Key features include role-based dashboards, advanced attendance validation through image and geolocation, dynamic payroll calculations, and efficient holiday request management.

**Technologies Used:** Flutter, Dart, Cubit (Bloc), Http, SharedPreferences, Geolocation

**Link:** [GitHub](#), [Demo Video](#)

## Technical skills

- **Programming Languages:** Dart, C++, Python, JavaScript, HTML, CSS
- **Frameworks & Libraries:** Flutter, Cubit
- **Backend Services:** Firebase, Supabase, Flask, Custom Local JSON Storage Solutions.
- **API Integration & Tools:** RESTful APIs, Postman
- **Version Control:** Git, GitHub