Adham Wahba

Flutter Developer | Mobile App Engineer

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Professional Summary

Dedicated Flutter Developer with a Bachelor's degree in Software Industry and Multimedia (SIM). Passionate about turning ideas into smooth, high-performance mobile applications. Certified by NTI and ITI with extensive hands-on experience in cross-platform development, UI/UX design, and API integration. Currently operating as a Freelance Developer while actively leading student initiatives. Eager to leverage expertise in Dart, Firebase, and Clean Architecture to contribute to impactful mobile solutions.

Technical Skills

Languages	Dart, Java, JavaScript, C++ (Basic), SQL
Frameworks	Flutter (Cross-platform Mobile Development)
State Mgmt	Bloc, Provider, Riverpod
Back-end/Cloud	Firebase (Auth, Firestore, Storage), Supabase, RESTful APIs
Tools	Android Studio, VS Code, Git, GitHub, Postman
Concepts	Clean Architecture, MVC/MVVM, Responsive Design, OOP, Data Structures, Competitive Programming

Professional Experience

Oct 2025 – Present

Freelance Flutter Developer, *Self-Employed*, Remote / Alexandria, Egypt
- Designing and developing custom cross-platform mobile applications, translating functional requirements into clean, maintainable Dart code.
- Building and refining production-grade portfolio projects to demonstrate advanced expertise in State Management (Bloc/Cubit) and Backend Integration.
- Offering services in full-cycle app development, UI implementation, and performance optimization for iOS and Android platforms.

Sep 2023 – 2024

AC Member, Organizer & Mentor, *HackerRank Student Chapter*, Alexandria University, End of Season 6
- Organized and managed the University Flutter Bootcamp, overseeing participant progress and evaluations.
- Handled HR tasks including team coordination, interviewing new members, and performance tracking.
- Mentored students on core Flutter concepts, debugging, and best practices.
- Recognized as "Best Member" in the Flutter Bootcamp for outstanding contribution and technical skill.

Projects

Real-Time Chat Application, *Flutter, Firebase Auth, Cloud Firestore*
- Built a fully functional **Flutter** messaging app facilitating instant communication using **Firebase Cloud Firestore**.
- Integrated **Firebase Auth** for secure user sessions and utilized `StreamBuilder` for real-time message updates.
- Designed a custom UI with complex Flutter widgets to handle message bubbles, timestamps, and read receipts.

Cloud-Based Todo App, *Flutter, Firebase Firestore, Bloc*
- Developed a productivity app in **Flutter** focusing on CRUD operations with **Firebase** as the backend.
- Implemented the **Bloc** state management pattern to efficiently handle app events and states.
- Utilized Dart models to serialize data to and from Firestore, ensuring seamless cloud synchronization across devices.

Movies Overview App, *Flutter, TMDB API, Postman*
- Engineered a movie discovery tool using **Flutter** that fetches data from the **TMDB REST API**.
- Validated API endpoints using **Postman** before implementing `http` requests in Dart.
- Created a responsive Grid Layout using `GridView.builder` to display movie posters and details efficiently.

Weather Forecast App, *Flutter, OpenWeatherMap API, Postman*
- Created a dynamic weather tracking app in **Flutter** integrating the **OpenWeatherMap REST API**.
- Used **Postman** to structure API calls and parse complex JSON data for temperature, humidity, and wind speed.
- Implemented dynamic state changes to update the app's theme and icons based on live weather conditions.

Education

Sep 2022 – Aug 2026 **Bachelor of Science in Computer Science**, *Alexandria University*, Faculty of Science
Department of Software Industry and Multimedia (SIM)

Certifications & Training

90 Hours **Flutter & Dart Development**, *National Telecommunication Institute (NTI)*
Comprehensive training on building scalable cross-platform mobile apps.

60 Hours **Summer Training Program**, *Information Technology Institute (ITI)*
Intensive hands-on workshop focused on mobile app development lifecycles.

Flutter Bootcamp Certificate, *HackerRank*