

# ZYAD WAEL

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## SUMMARY

Motivated Flutter Developer with experience in developing cross-platform mobile applications. Passionate about building efficient, user-friendly, and scalable applications using Flutter, Dart, and Firebase. Adept at UI/UX integration, API handling, and performance optimization. Seeking opportunities to leverage my skills in app development and contribute to innovative projects.

## EDUCATION

### Faculty of Computers and Data Science

Sep 2023 - Oct 2027

- Alexandria University

## WORK EXPERIENCE

### Junior Flutter Developer | ZeroOneZ

Jun 2025 - Present

- Built responsive, scalable, and maintainable Flutter applications across multiple platforms.
- Integrated Google Maps for dynamic location-based features.
- Implemented real-time messaging functionality using WebSocket for seamless chat experience.
- Developed and optimized a full-featured e-commerce app with cart, order tracking, chat, and map-based delivery.
- Collaborated with cross-functional teams to improve UI/UX and app performance.

### Freelance Flutter Developer | Upwork

May 2024 - Present

- Developed responsive and scalable mobile applications for Android and iOS using Flutter and Dart.
- Built custom widgets to improve reusability and reduce development costs.
- Optimized UI layouts and user flows, leading to smoother navigation.
- Integrated animations, custom transitions, and interactive UI elements for better user engagement.
- Translated Figma designs into functional Flutter components.
- Conducted usability testing and improved performance using user feedback and data analytics.

### Flutter Developer Intern | Cellula Technologies

Jan 2025 - April 2025

- Developed a meal suggestion app with dynamic recommendations.
- Built a weather app integrated with AI models to analyze weather patterns.
- Worked with APIs and state management to ensure seamless app performance.
- Gained hands-on experience with Flutter, Firebase, and AI-driven features.

## TECHNICAL SKILLS

- **Programming Languages:** Dart, Java, Python
  - **Frameworks & Libraries:** Flutter
  - **State Management:** Riverpod, Provider
  - **Databases & Backend:** Firebase, Supabase, SQLite, RESTful APIs
  - **Version Control:** Git, GitHub
  - **Other Skills:** Integrating machine learning models and computer vision into mobile apps
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## PROJECTS

### Wofoodi – Fuel & Services Locator

[Google Play](#) [AppStore](#)

- Integrated Google Maps API for live location tracking, nearest stations, and route navigation.
- Implemented Firebase Authentication for secure login and session handling.
- Developed RESTful API integration to display real-time fuel prices and station availability.
- Designed reusable Flutter UI components (cart, delivery options, item details) with clean architecture.
- Optimized offline caching and performance using state management (Provider/Riverpod).

### Amoomy – Transportation & Logistics App

[Google Play](#) [AppStore](#)

- Implemented Firebase Authentication with Apple and Google sign-in for users, service providers, and visitors.
- Integrated RESTful APIs to manage transportation requests, offers, and provider availability.
- Developed user and provider modules for order history, offers, and schedule management.
- Built reusable Flutter UI components following Clean Architecture principles.
- Optimized app performance and state management using Provider.

### Meal Recommendation App

- Developed as part of my Flutter Developer Internship at Cellula Technologies.
- Built using Clean Architecture to ensure a structured and maintainable codebase.
- Worked collaboratively in a team, using Git and GitHub for version control and Trello for task management.
- Integrated Gemini AI Model to analyze user preferences and suggest personalized meal plans.
- Focused on state management, API integration, and backend communication for efficient performance.

### Flappy Bird Clone (Flame Game Engine | Google AdMob)

- Developed a fully functional Flappy Bird clone using Flutter and the Flame game engine.
  - Integrated Google AdMob (Banner & Interstitial Ads) with optimized ad frequency for better UX and monetization.
  - Real-time high-score tracking using local storage.
  - Optimized performance and animations for smooth 60 FPS gameplay across Android devices.
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## CIVIL WORK & LEADERSHIP ROLES

- Head of Flutter Committee – HackerRank Campus Club, AUFS
- Member of Academic Committee – SAFWA, FCDS
- Flutter Coordinator – HackerRank Campus Club, AUFS