# ZAIN MHESN

Flutter Developer | AI Specialist | Information Engineering Student

📞 +96359527648 |  ✉ zayanmhesn22@gmail.com |  📍 Damascus, Syria

🔗 LINKED IN | ⓞ GitHub

## SUMMARY

Information Engineering graduate specialized in Artificial Intelligence, with over 3 years of professional experience in Flutter mobile development. I have designed, built, and deployed several cross-platform applications using Clean Architecture, Firebase, and advanced Flutter technologies. Combining strong foundations in AI, machine learning, and data analysis, I aim to create intelligent, scalable, and user-focused solutions. Passionate about bridging the gap between software engineering and artificial intelligence to deliver innovative and impactful digital products.

## SKILLS

**Mobile Development:** Flutter • Dart • Firebase • Google Maps API • AdMob • Clean Architecture • Local Storage: Hive, Sqflite • REST APIs • State Management: Bloc

**Databases & Tools:** Oracle SQL • Oracle APEX • SQL (general)

**Programming Languages:** Dart • Python • C++ • Java

**AI & Data:** Machine Learning, Data Analysis

**Version Control:** Git • GitHub • GitLab

**Other Skills:** Data Structures & Algorithms • Problem Solving • Team Collaboration • Attention to Detail • Resilience & Adaptability

## EDUCATION

- B.Sc. in Information Engineering – Artificial Intelligence
  Damascus University | 2020 – Present
  Currently in final year, with a focus on AI, machine learning, and data-driven systems.
- Oracle SQL & APEX Training – EastMed Company
  Aug 2024 – Sep 2024 (80 hours)
  Gained practical experience in working with Oracle databases and building web-based solutions using Oracle APEX.

- AI & Machine Learning Training Program – SHAI for AI Club
  Participated in an intensive training covering foundational and advanced topics in AI and ML, with practical applications and project-based learning.

## EXPERIENCE

- Freelance Flutter Developer | Remote | 2022 – Present
  Worked with multiple clients to develop cross-platform apps using Flutter. Integrated features such as Clean Architecture, Firebase, Google Maps, AdMob, QR scanning, and Hive-based local storage.
- AI & ML Intern – SHAI for AI Club | Remote | Sep 2024 – Oct 2024
  Worked on AI and ML projects using real datasets, collaborating in teams to develop machine learning-driven apps and tools.

## LANGUAGES

- Arabic: Native
- English: Intermediate

## PROJECTS

### SKY (متجر) – E-commerce Mobile App (Freelance)

- A Flutter-based mobile application built to transform a WordPress online store into a modern, user-friendly mobile experience.
- **Tools:** Flutter, REST API, Firebase Authentication, Google Sign-In, Hive (local storage)
- **Features:**
- User authentication with email and Google sign-in
- Product browsing with category filters and search
- Add to cart, detailed product view, and order confirmation
- View order history and manage user profile
- Responsive UI with real-time data synchronization from WordPress
- [SKY (متجر) on Google play](#)

### Easy Dutch – Dutch Language Learning App (Freelance)

- An educational app designed to help users learn Dutch through daily goals, vocabulary translation, speech pronunciation using TTS, and gamified learning.
- **Tools:** Flutter, Hive, Google Translate API, TTS_SERVICE, AdMob, Firebase Notifications, Mistral AI

- **Features:** AI-powered chatbot for conversation practice, achievement tracking, daily challenges, word pronunciation, learning statistics, and a star-based reward system.
- [East Dutch on Google Play](#)

### Tekrum – Delivery Application (Freelance)

- A comprehensive delivery app that enables users to browse and search for products, restaurants, and stores, manage orders, and communicate with drivers.
- **Tools:** Flutter, Firebase, Google Maps API, QR Code Scanner, Firebase Cloud Messaging
- **Features:** Vendor & product browsing with search, 'Jebli' feature for custom delivery requests, cart and order management, QR code confirmation, multi-address support, product rating, and push notifications.
- [Tekeum on Google Play](#)

### Tekrum Partner – Driver & Vendor App (Freelance)

- A dual-role application developed for delivery drivers and vendors to manage deliveries and products.
- **Tools:** Flutter, Firebase, Google Maps API, QR Code Scanner
- **Features for Drivers:** View and manage delivery requests, accept/reject orders, map navigation, QR confirmation for delivery, profile management.
- **Features for Vendors:** Manage current/scheduled orders, update order statuses (preparing, ready, rejected), add/edit/hide products, update business profile.
- [Tekrum Partner on Google play](#)

### Tafadal – Tourist Taxi Booking App (Freelance)

- A mobile taxi booking app designed specifically for tourists in Saudi Arabia, offering convenient and flexible ride management.
- **Tools:** Flutter, Firebase, Google Maps API, Firebase Cloud Messaging
- **Features for Users:** Browse destinations, book rides, track drivers in real time, manage bookings, view ride history, receive notifications, pay online, in-app real-time chat with drivers using Firebase.
- **Features for Drivers:** Accept/reject ride requests, view trip history, update profile, navigate using in-app maps.

### Todo App with Hive (Personal Project)

- A productivity-focused task management app with local storage and clean architecture.
- **Tools:** Flutter, Hive, Clean Architecture
- **Features:** Task categorization, priorities, completion tracking.
- [Todo App on Github](#)

### Social Media App (Academic Project)

- An interest-based social networking app developed as a university project.
- **Role:** Full-Stack Flutter Developer

- **Tools:** Flutter, Firebase (Firestore, Authentication, Cloud Messaging)
- **Features:** User registration, post creation with images, stories, interest tagging, interaction (likes, comments), following system, notifications, real-time chat between users using Firebase.