

# Mohamed El Adnani

## Mobile Developer | Flutter Specialist

mohamedeladnani0@gmail.com | linkedin.com/in/mel-adna  
github.com/mel-adna | mel-adna.github.io

### OBJECTIVE

Passionate Mobile Developer and Computer Science Student at 1337 Coding School (42 Network). Specializing in high-performance Flutter applications with a focus on Clean Architecture, advanced State Management (Riverpod, Bloc), and intuitive UI/UX. Seeking to leverage experience in building real-time and AI-integrated mobile solutions in a professional environment.

### TECHNICAL SKILLS

**Core:** Dart, C, C++, Algorithms & Data Structures

**Frameworks:** Flutter (Mobile & Web), Firebase (Auth, Firestore, Storage)

**State Management:** Riverpod, BLoC, Provider

**Architecture:** Clean Architecture, MVVM, SOLID Principles

**Data & APIs:** RESTful APIs, SQLite, JSON

**Tools:** Git, GitHub, Figma, VS Code

### FEATURED PROJECTS

#### FatigueVision - Driver Safety System | Flutter, Riverpod, Computer Vision

- Engineered a real-time safety application designed to prevent accidents by detecting driver drowsiness using on-device Computer Vision.
- Implemented Riverpod for robust state management to handle continuous data streams without UI lag.
- Optimized image processing algorithms to run efficiently on mobile hardware.

#### Flutter E-Commerce App | Flutter, Firebase, Provider

- Built a full-featured shopping application featuring a dynamic product catalog, interactive shopping cart, and secure checkout flow.
- Designed a responsive, "Shadcn-inspired" UI with complex animations and staggered grid layouts.
- Integrated Firebase for backend data management and user authentication.

#### Chat 2026 - Real-Time Messaging | Flutter, Firebase, BLoC

- Developed a scalable messaging app supporting instant text communication and multimedia sharing.
- Architected the codebase using Clean Architecture to ensure testability and separation of concerns.
- Implemented complex Firestore queries for chat history, online status indicators, and background notifications.

#### Flutter Portfolio Website | Flutter Web, Responsive Design

- Designed and deployed a responsive personal portfolio (mel-adna.github.io) using Flutter Web.
- Showcases projects with a modern, high-performance UI adaptable to desktop and mobile browsers.

### EDUCATION

#### Software Engineering Program

1337 Coding School (42 Network) | 2024 - Present

- Intensive, project-based curriculum focusing on low-level algorithms, system architecture, and peer-to-peer learning.

### CERTIFICATIONS

- Flutter Masterclass & Complete Flutter Guide (Udemy, 2025)
- IBM Cybersecurity Analyst Professional Certificate (2025)
- Generative AI Fundamentals - IBM (2025)

## LANGUAGES

Arabic (Native) | English (Fluent) | French (Proficient)