

Mahmoud Abid

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Sfax, Tunisia



EXPERIENCE

- **Corevia Hub – ERP Finance Management App**
Developing a company finance platform with Angular.
Implemented authentication and invoices management integrated with a .NET backend.
August 2025 – Present
- **FinLogik inc – AI Code Review Automation**
Developed a GitHub extension as an AI code review agent applying company-specific rules, commenting on pull requests, and providing corrective suggestions with metrics.
Built an automation agent to send managers time-tracking email reports for employees.
June 2025 – August 2025
- **Internship at ITIPIDIA**
Contributed to a .NET project built with Clean Architecture.
Designed and implemented the application layer using Mediator and CQRS patterns for scalability and maintainability.
Integrated secure authentication with JWT, MFA, and SSO for enhanced user security.
Developed and executed unit tests to validate feature functionality and reliability.
June 2024 – August 2024

EDUCATION

- **Engineering Degree in Computer Science**
ESPRIT, Tunisia
September 2021 -Present
- **Baccalaureate in Experimental Sciences**
Mahmoud Magdich High School, Sfax, Tunisia
June 2021

SKILLS

- **Programming Languages**
C++, CSharp, HTML, CSS, JavaScript, PHP, Java, Dart, Kotlin, Swift, TypeScript, Python
- **Software and Frameworks**
Flutter, Android Jetpack Compose, SwiftUI, NestJS, SpringBoot, .NET, Angular
- **Operating Systems**
Linux (including command line), Windows
- **Design and Multimedia Tools**
Photoshop, Illustrator, Figma
- **Databases and AI**
SQL, MySQL, MongoDB, Stable Diffusion, Gemini
- **Languages**
Arabic (Native), French (B2), English (B2)
- **Soft Skills**
Leadership, Teamwork, Problem Solving

PROJECTS

- **AI-Powered Smart Farming (Flutter)**
Developed a mobile application for smart farming with an agriculture AI agent, TensorFlow for image detection, and a smart irrigation system, integrated with a Nest.js microservice backend.
Implemented front-end features, state management with Provider, AI model integration, and backend service connectivity.
- **Recetta - Android and iOS Application**
developed a cross-platform recipe app that generates dishes from user-provided ingredients.
Integrated real-time ingredient scanning and AI-powered recognition with step-by-step cooking guidance.
Developed with Jetpack Compose (Android) and SwiftUI (iOS) using MVVM for responsive, maintainable UIs.