

# Abdelhakim Fouad MAROC

Mobile and Frontend Developer

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## Profile

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Passionate and results-driven Mobile and Web Developer with over 2 years of hands-on experience in designing, developing, and maintaining high-performance mobile and web applications. Proven track record of collaborating with cross-functional teams to deliver innovative and user-centric solutions. Strong problem-solving skills, excellent communication, and a commitment to continuous learning and professional growth.

## Experience

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**Software Engineer** ([End of 3rd year project](#)) **ESI SBA** Feb 2024 - Jun 2024

- Coordinated with diverse teams to guarantee project success.
- Developed the mobile app using Flutter, focusing on course management and communication features.
- Implemented push notifications and real-time messaging for student-professor interaction.

**Co-founder & Software Developer** ([ElvaX](#)) **Sidi Bel Abbés** Dec 2023 - present

- Collaborated to establish and grow ElvaX Software Agency.
- Developed and maintained various mobile and web applications using Flutter, React, and Next.js.
- Implemented best practices in software development, including code reviews, unit testing, and version control using Git.

**Mobile Developer** ([Freelance](#)) **JAR Maintenance** Jun 2023 - Sept 2023

- Developed two Flutter applications for worker and client
- Designed admin dashboard for real-time monitoring and analytics.
- Integrated Firebase for user authentication, real-time database, and FCM for push notifications.
- Implemented features like in-app chat, service tracking, and rating systems.

**Software Engineer** ([End of Preparatory Cycle Project](#)) **ESI SBA** Jan 2023 - Jun 2023

- Collaborated with a team of fellow students to develop a mobile application as part of the end-of-year project for the preparatory cycle.
- Developed two Flutter apps with admin panel
- Demonstrated strong teamwork, problem-solving, and communication skills throughout the project.
- Integrated Firebase for user authentication and real-time database

## Professional projects

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- **LAZA** ([E-Commerce App](#))
  - Developed a complete e-commerce application allowing users to browse products, add items to the cart, place orders, and track the status of their orders in real-time
  - Implemented User authentication with Firebase Auth. Real-time database for product and order management using Firebase Firestore.
  - Integrated Push notifications for order updates. Intuitive and responsive user interface with smooth animations.
- **QUIZZO** ([Quizz App](#))
  - Created an interactive quiz application allowing users to answer questions in various categories and track their scores.
  - Multiple quiz categories with multiple choice questions. Tracking of user scores and display of top scores.
  - User-friendly interface with transitions and animations.

- **Todo** ([Task Management App](#))

- Developed a personal task management application allowing users to create, modify, and delete tasks
- Implemented notifications for task reminders at the defined time.

## Education

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8th May 1945 Higher School of Computer Science [ESI-SBA](#)

**SBA, Algeria** Oct 2021 - Oct 2026

Relevant Courses: Algorithms and Data Structures, Databases, Networking, Operating Systems, Electronics, Algebra , Analysis , Probability , Computer Architecture , Software Engineering

## Skills

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- **Mobile Development:** Flutter , Getx , Provider, Animations, Google Maps, MVC , MVVM, Clean Architecture, API Communication , Local databases.
- **Frontend:** NextJs, React, HTML5, CSS3, tailwindcss, TypeScript, JavaScript
- **SGBD:** Firebase, SQLite, MySQL
- **Programming languages:** Python, Java, Dart, Js/Ts, C, Pascal
- **Project Management:** Trello, Jira
- **Engineering:** Agile Method (Scrum), Networking, Linux, Software design and Requirement
- **Tools:** Git, Github, OOP, XML
- **Soft Skills:** Presentation, Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking

## Activities and Distinctions

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- **Clubs Membership :**  
*Ingeniums Club:* Member since 2022 to present, actively participating in club events.  
*Alphabit, GDG, GDSC Club :* Member in 2022, participating in various workshops, conferences, and collaborative projects.
- **Participation in Hackathons :**  
*Muhandis Hackathon 2023 :* Developed Swapply application for internship management. . *1st place.*  
*Kodikos Hackathon 2023 :* Developed 2 applications - RetentifyX for human resources management, one for HR and the other for employees. *2nd place*  
*Ingenieur Event 2023 :* various challenges based on Capture The Flag (CTF) 2nd place *2nd place*
- **Mentorship :**  
*Flutter Training :* Mentored on the fundamentals of mobile development and Flutter. Provided hands-on guidance for creating a notes application with features like adding, deleting, editing, searching, and filtering

## Languages

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- **Arabic** [Native]
- **English** - B1
- **French** - B1