



Achref ABIDI

Computer Science and Multimedia Engineering Student

📍 Tunis, Tunisia 📅 January 16, 2001

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PROFILE

Passionate about full-stack web development and artificial intelligence. Currently seeking a challenging final-year project to design innovative solutions combining these modern technologies.

PROFESSIONAL EXPERIENCE

Internship – VR Solution for Interior Architecture

July 2025 - August 2025

Instar, Tunis

Development of an immersive web and VR platform on Meta Quest 3 for designing interactive interiors.

Technologies used: Unity, C#, Blender, Meta Quest SDK | React, Firebase.

Internship - GitSync Manager

July 2024 - August 2024

MajestEYE, Jendouba

Management of private GitHub repositories via a unified dashboard using the GitHub APIs.

Technologies used: React, Node.js, Express.js, GitHub API

Final Year Project – Bachelor's Degree

February 2023 - June 2023

Digix, Sakiet Ezzit, Sfax, Tunisia

Remote

Development of a mobile application dedicated to mental health. Monitoring variations in mental health through features such as meditation, mood tracking and a trained chatbot.

Technologies: Flutter, NLTK, Flask, TensorFlow, Firebase

ACADEMIC PROJECTS

Academic Tracking System for Engineering Students

Development of the backend features of an engineering curriculum tracking system.

Technologies used: MongoDB, ExpressJS, ReactJS, NodeJs, Git, Docker.

Arabic Morphosyntactic Analyzer

Optimized LLM model to analyze diacritized Arabic sentences, identifying words and their grammatical roles.

Identification of the roles and linguistic properties of words (type, case, gender, etc).

Technologies used: Python, LLM, RAG.

University Management System

Scalable university system in Java, based on SOLID, GoF and GRASP for maintainable architecture.

Technologies used: TypeScript, NodeJS, Supabase, Tailwind CSS.

Project Management System

MERN application for project and team management, with authentication, user roles and a responsive React interface.

Technologies used: MongoDB, Express.js, React, Node.js, Git, Docker.

EDUCATION

Engineering degree in Computer Science and Multimedia

2023–Present

Higher Institute of Arts and Multimedia of Manouba

Bachelor's Degree in Information Technologies - Information Systems Development

2023

Higher Institute of Technological Studies, Jendouba

Baccalaureate in Experimental Sciences

2020

Liberty High School, Jendouba

LANGUAGES

Arabic: Native language

English: Native

French: Fluent