Mohamed Adem Torkhani
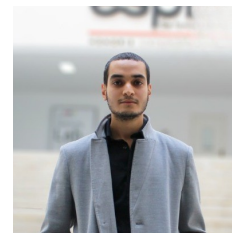
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github.com/MoAdem

ABOUT ME

A passionate software engineering student with a focus on mobile and web development. Currently honing my skills in creating innovative and user-friendly applications, I thrive on solving complex problems and turning ideas into reality.

Technologies and Skills

Languages: TypeScript, JavaScript, Java, Kotlin, Python, Dart, SQL, Swift

Technologies: Next.js, React, Node.js, Flutter, React Native, Express, PostgreSQL, MongoDB, Firebase, MySQL, Docker, Jenkins, Git, Azure, UX/UI, Tailwind CSS, WebSockets, RESTful API

Spoken Languages: Arabic (Native) | French (Fluent) | English (Fluent)

Professional Experience

Full Stack Developer Intern, Farness – Tunis, Tunisia   February 2025 – Present

- Developed and maintained the company's full stack platform using modern web technologies.
- Designed and optimized database schemas to ensure performance, scalability, and data integrity.
- Collaborated with AI and embedded software teams to integrate backend systems with machine learning models and hardware components.

Technologies used: React, Next.js, Node.js, PostgreSQL, Auth0, Git, REST APIs, Azure, WebSockets, Docker

Full Stack Developer Intern, IPACT Consult inc – Tunis, Tunisia   June 2024 – September 2024

- Built a comprehensive mobile application to streamline restaurant and franchise operations, enabling real-time management of menus, staff, and orders.
- Improved operational efficiency by digitizing key workflows, reducing manual processes, and enhancing day-to-day organization for restaurant managers.

Technologies used: React Native, Node.js, MongoDB, Git

Front-end Developer Intern, CleverTech – Paris, Île-de-France   February 2022 – July 2022

- Engineered responsive and user-friendly front-end components for a cloud-based file storage platform, enabling seamless file upload, synchronization, and cross-device sharing.
- Improved platform usability and performance by implementing intuitive UI components, refining workflows, and optimizing front-end architecture based on user feedback and usage patterns.

Technologies used: React, MongoDB, Git

Projects

SoulLift

- A mobile app designed to support mental well-being through features such as a compassionate chatbot, a personalized avatar, daily motivation, and time management tools - with recognition of voice and emotions for a deeply personal experience.
- Technologies used: Flutter, Node.js, MongoDB, Express.js, Python

RecycleConnect

- A community-driven mobile app that connects people looking to recycle unused items with those in need.
- Technologies used: Kotlin, Android, Swift, SwiftUI, Node.js, MongoDB

Treydi

- Developed a web and mobile application that enables users to exchange physical items and services with each other.
- Technologies used: Symfony, Java, SQL, Kotlin, Android

Education

ESPRIT engineering school, Software Engineer   2022 – July 2025

Institute of Arts and Multimedia Manouba - ISAMM , Licence in Computer Science and Multimedia   2019 – 2022