

Mejdi Chennoufi

FULL-STACK DEVELOPER – REACT, NODE.JS, FLUTTER, IOT



Full-Stack Developer with 4+ years of experience building web, mobile, and IoT solutions, including AI-driven applications and cloud-integrated systems. Proficient in React, Node.js, Flutter, Firebase, and REST APIs, with an emphasis on scalable design and real-world deployment.

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Skills

React or Angular for building user interfaces

JavaScript/TypeScript for front-end and back-end development

Machine learning frameworks (e.g., TensorFlow, PyTorch)

Python for AI and data processing

API design for scalable machine learning services

Version control and collaboration (Git, GitHub)

Cloud services (AWS, GCP, Azure) for AI deployment

RESTful API design and integration

Database design and indexing strategies for AI applications

Languages

Arabic Native

English C2 ([EF SET Certificate](#))

French Fluent

Certifications

Cloud Practitioner [AWS SimuLearn](#)

Cloud Fundamentals [IBM](#)

Linux Essentials [Cisco Academy](#)

Frontend Development [Meta](#)

Introductory C [Duke University](#)

Education

From 2025 to 2028

Telecommunications Engineering Degree

National School of Electronics and Telecommunications Sfax, Tunisia

Telecommunications Engineering degree with a broad, multidisciplinary curriculum covering communication systems, networking, electronics, cloud computing, and applied artificial intelligence.

Work Experience

Since April 2021

Freelance Full-Stack Developer

[Freelance](#) Remote

Built and deployed full-stack applications for clients, from planning to deployment. Built and integrated AI models into applications, improved development workflows, and delivered clean, maintainable, and well-documented code.

Since September 2025

Active Member

[IEEE ENET'COM SB](#) Sfax, Tunisia

Active member, contributing to multiple technical projects and team initiatives. Participated in competitive TSYP challenges, working in teams on large-scale projects involving innovative technologies such as AI and 5G. Took part in multiple hackathons organized within the Student Branch, including ARCAS and Tech4Health, and attended several technical workshops focused on cloud computing and AI, such as Tech4Health, SmartCom, and others.

Projects

November 2025

UtopiaHire – AI-Powered Career Platform

[IEEE ENET'Com CS SBC](#) Sfax, Tunisia

- Developed an AI-driven career platform using **LLMs** and **embedding models** for resume parsing, ATS scoring, skill extraction, and improvement recommendations.
- Built an **AI interview system** that generates personalized technical and behavioral questions with real-time scoring and feedback.
- Implemented **semantic job matching** using vector embeddings to compute CV-to-job similarity and deliver job recommendations.
- Built the system using **Python FastAPI**, **React 18**, and **Firebase Authentication**.

November 2025

Solaris – AI-Driven Smart Solar System

[IEEE ENET'Com CAS SBC](#) Sfax, Tunisia

- Developed AI-powered components including a **power output prediction model** built in Python to forecast solar energy production from sensor data.
- Integrated an **LLM-based solar assistant chatbot** into a real-time dashboard to provide insights, system status explanations, and user guidance.
- Combined AI models with **IoT data streams** from an automated sun-tracking solar panel to enable intelligent monitoring and optimization.
- Built the dashboard using **React** with real-time data handling and authentication powered by **Firebase**.