

MERAD AYMEN EL HADI

Full Stack Developer

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Resume

Experienced Full Stack Developer with a strong foundation in Python, FastAPI, and React, specializing in building scalable web applications and SaaS solutions. Skilled in database management, API development, and front-end technologies, with a focus on delivering user-centric and efficient digital products.

Work Experience

Application Development Teacher | I.E.P Sétif | 2024-Present

- Teach database management, mobile app development, and cross-platform mobile app development.
- Conduct programming fundamentals revision sessions to reinforce students' understanding.
- Guide students in practical exercises to build foundational technical skills.

Co-Founder Futurify | 2024-Present

- Led the development of innovative SaaS solutions and improved existing market products.
- Developed scalable backend services using Python and FastAPI, and contributed to frontend development with React.

Projects

Final Study Project: [Monitoring of scientific and educational productions of the LRSD faculty laboratory](#)

- Developed a full-stack web application for managing university pedagogical and scientific production.
- Implemented separate dashboards for administrators and teachers, providing functionality for effective management and oversight.
- Created an astatistics page for administrators to view and analyze data.
- Integrated user authentication and profile management for teachers, ensuring secure and personalized access to the system.

Futurify: Shop Manager Backend Development

- Developing the backend of a shop management system using FastAPI and PostgreSQL
- Building APIs to support both a React web frontend and a Flutter mobile app, ensuring seamless integration and performance across platforms.

CS50XFinal Project: [Workout Tracker](#)

- Developed a web application for managing workouts, allowing users to track and organize their fitness routines.
- Used Flask, HTMX, bootstrap

Python-Markdown: [Markdown to HTML converter](#)

- Developed a Python package named `python-markdown` for converting Markdown files to HTML str.
- Documented the package and provided usage examples to facilitate easy integration for other developers.

Weather App: [Frontend weather app](#)

- Developed a weather application using the OpenWeatherMap API with real-time geolocation support.
- Used JavaScript, SASS, and Chart.js for a responsive and interactive interface.

Education

UNIVERSITY SÉTIF 1 FERHAT ABBAS Alger Sétif

- Bachelor's degree in Computer Science | Graduation Date: Jul 2024
- Master in Data Engineering and Web Technology | Graduation Date: Jul 2026

Certificate

Harvard University Remote

- [CS50's Introduction to Computer Science](#) | Graduation Date: Jul 2024
- [CS50's Introduction to Programming with Python](#) | Graduation Date: March 2024

Skills

Programming Languages:

- Python, JavaScript, C, Java, HTML & CSS

Frameworks:

- Django, FastAPI, Flask, Node.js

Databases:

- MySQL, PostgreSQL, SQLite, SQL

Languages:

- Arabic, English, French