

# MOUAD EL AMMARI

## Full-Stack Engineer

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 <https://mouads.dev>  <https://github.com/Poider>

Casablanca, Morocco (Temporary)

English - French

Willing to relocate Q3 2025 (NL) · Requires visa sponsorship.

## WHO'S MOUAD

Versatile Full-Stack engineer blending robust backend APIs, intuitive frontends, automated data pipelines, and DevOps practices. I bridge complex tech with clear communication to deliver solutions that scale.

## SKILLS

Programming languages and frameworks:

NestJs/ NodeJs	React
JavaScript (ES6)	Python
TypeScript	C++

Tools and technologies:

Postgresql	MongoDb
Git	Rest Api
Docker	GraphQL
Linux	Socket.IO
Css	

## EXPERIENCE

August 2023 —present

### Full Stack Engineer OCP Africa

- Built scalable backend APIs on top of Postgres and intuitive React frontends, while handling the deployments.
- Developed real-time notifications OOP based, using WebSockets, enhancing user engagement.
- Crafted front-end components with React and Tailwind, responsive and accessible.
- Built REST and GraphQL APIs with clean architectural patterns.
- Engineered ETL pipelines in Node.js and Python to automate data ingestion, cleaning, and transformation.

February 2021 —August 2023

Contract-based Projects

### Full Stack Engineer OCP GROUP

- Delivered front-end and back-end solutions, Building React interfaces and NestJS.
- Developed high-performance C++ applications tailored to specific client needs.

## EDUCATION

Oct 2017 — Jun 2021

Bachelor's degree

Computer Science, Casablanca

Databases

University Hassan II Casablanca

Nov 2021 — Jun 2023

42 Curriculum of Architect

Digital Technologies

42 Network, 1337 Coding School -

Mohammed VI Polytechnic University

## PROJECTS

[More projects → mouads.dev](https://mouads.dev)

- Real-Time PingPong Web App – matchmaking, live chat & gameplay with NestJS, Socket.IO & TypeORM.
- C++ Web Server (Nginx-Style) – custom memory management, SSL/TLS, non-blocking I/O for large file uploads.
- Minishell (Bash-Inspired) – commands, piping, redirection & env-vars in a two-stage C interpreter.
- Tree-Based Data-Structures Library – AVL & Red-Black tree implementations with templated C++ APIs.