MOUAD EL AMMARI
Full-Stack Engineer

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🌐 https://mouadjs.dev   ⬡ https://github.com/Poider

Casablanca, Morocco (Temporary)   English - French

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

WHO'S MOUAD

I build reliable backend systems — from business logic and data flows to testing and deployment. I work best in collaborative teams where things are structured, clear, and people care about doing things well. I like solving problems through logic, not noise, and I stick with things until they work.

SKILLS

Programming languages and frameworks:

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

Tools and technologies:

MySQL / Postgresql	MongoDb
Git	Rest API
Docker	GraphQl
Linux	Socket.IO
Css	Redis

EXPERIENCE

August 2023 —present
Full Stack Engineer OCP Africa

- Built and maintained **OOP PHP 8 microservices** using Slim 4 with clean MVC structure across 12 African subsidiaries.
- Replaced fragmented workflows with centralized, secure backend systems handling millions of sensitive records.
- **Optimized PostgreSQL queries** (12 s → <150 ms) using indexed CTEs, pagination, and ACID-wrapped transactions.
- Used GitLab CI, Docker, and **PHPUnit** to ensure consistent deployments and backend reliability.
- <u>Result</u>: launched a high-integrity backend — 0 data-loss incidents, reporting lag cut 7 days → <1 hour, now powering decision-making across all subsidiaries.

February 2021 —August 2023
Contract-based Projects
Full Stack Engineer OCP GROUP

- Built secure internal APIs and contributed to a high-performance C++ file server, optimizing large data uploads and system integration.

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 → mouadjs.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 and secure HTTP flows.
- 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.