

# 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.

## 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
TypeScript	Python
C++	

Tools and technologies:

Postgresql	MongoDb
Git	Rest Api
Docker	GraphQL
Linux	Socket.IO

## 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 using WebSockets, enhancing user engagement.
- Leveraged Flowise AI (RAG) and KNIME workflows, automating data processing and improving analytics accuracy.
- Managed CI/CD and DevOps automation, boosting reliability and uptime.
- Facilitated communication across international teams and executives, clearly conveying technical insights.

February 2022 —present

### Open freelancing

## 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.