MUSTAPHA MARDI
FULL-STACK DEVELOPER

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📇 PROFILE

I'm a **full-stack developer** studying at **1337** School, part of the 42 network. Experienced in diverse, challenging projects, I'm passionate about problem-solving and thrive on growth opportunities. I'm determined to excel as a proficient full-stack developer, contributing to the dynamic field of **web development.**

🗂 PROJECTS

MOONPONG

I developed a real-time multiplayer Pong website using **Next.js**, **NestJS**, **Redux**, **WebSocket**, **Docker**, **PostgreSQL**, and **Prisma**. Users can create accounts, play against each other, send friend requests, and communicate via channels.

Wordle 🔗

Using **React, Tailwind CSS**, and **Redux**, I built a web-based word game inspired by Wordle. Players attempt to guess a five-letter word within six tries, receiving feedback through colored tiles denoting correct letters and positions. The game, developed with a modern tech stack, offers an engaging and interactive experience for online gaming enthusiasts.

WebServ

This project involved creating a custom HTTP server from scratch using C++. It provided a deep dive into the world of web technology, covering topics such as **HTTP** requests, WebSockets, and various HTTP methods. By developing this server, I gained a comprehensive understanding of how web communication works and improved my proficiency in **C++** programming.

Inception

Implemented a **Docker**-based infrastructure for **WordPress**, leveraging a LEMP Stack (**Nginx**, **MariaDB**, PHP), FTP, cAdvisor, Redis, and additional services in adherence to specified guidelines.

ConvoFlow, *Dynamic Chat Application*

I crafted an intuitive real-time chat application using **Next.js** and **NestJS**, integrating **WebSocket** technology for seamless, dynamic conversations. Leveraging **PostgreSQL** for robust data storage and Prisma for streamlined database access, the application delivers a fluid communication experience for users.

🧠 SKILLS

- React
- NextJS
- NodeJs
- Nest.js
- Express.js
- Tailwind
- JavaScript
- Typescript
- HTML
- Css
- Docker
- C/C++
- Git

🎓 EDUCATION

1337 (42 Network), *Software Development*   Nov 2021 – present | Khouribga, Morocco

Baccalaureate   2018 – 2019

🌐 LANGUAGES

- Arabic
- English

🎻 INTERESTS

- Researching
- Gaming
- Learning new technologies