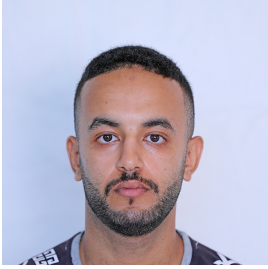


# Hamza Ameer — Software Engineer

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*I'm a Full-Stack Web Developer and a student at 1337 Coding School. I find satisfaction in problem-solving and refining my work. I actively explore algorithms and stay updated with emerging ideas. Additionally, I'm enthusiastic about delving into AI, particularly focusing on machine learning and natural language processing.*

## Education

### 1337 Khouribga (42 Network)

Bachelor of Technology, Completed the Common Core Program

Khouribga, Morocco

2021–2023

### Faculté Polydisciplinaire de khouribga

Bachelor of Technology, Applied Sciences Physiques

Khouribga, Morocco

2018–2021

## Skills

**Web Development:** HTML, CSS, JavaScript, NextJs, React, NestJS, Express

**Web:** Client-server architecture, HTTP protocol, web technologies, backend languages, MVC model

**Database:** MySQL, MongoDB

**Tools:** Docker, GitHub

**Algorithms & AI:** Standard algorithms on standard structures, state machine, asynchronous management

**Graphics:** Image manipulation, RGB structure, window management, user event handling

**Group & Interpersonal:** Collaboration, relationship management, group dynamics

**Imperative Programming:** C syntax, loops, conditional branches, functions, memory management

**Network & System Administration:** IP addresses, networking basics, Linux system administration

**Object-oriented Programming:** C++ principles, memory management, inheritance, abstraction

**System Programming:** Unix system interactions, inter-process communications, network communication

**Languages:** English, French Arabic

## Projects

**ft-transcendence:** Created a real-time multiplayer online game using React for the front-end and Nest.js for the back-end, integrated with PostgreSQL for database management and Socket.io for real-time communication.

**Inception:** Implemented Docker Compose infrastructure on a virtual machine, setting up NGINX, WordPress, MariaDB, Redis, FTP, and Adminer containers. Utilized volumes for WordPress database and website files, established docker-network, and prioritized container restarts for reliability

**Blog Application:** Built a blog application using Laravel, allowing users to create, read, update, and delete blog posts.

**Portfolio Website:** Developed a personal portfolio website using Nextjs & Reactjs, showcasing projects and skills.

**WebServ:** Create a HTTP server in C++. This project requires a deep understanding of networking concepts, the HTTP protocol, and the ability to implement a server that can handle real-time requests and serve static as well as dynamic content

## Interests

**Web Development:** Passionate about creating interactive and user-friendly web applications.

**Artificial Intelligence:** Interested in exploring AI technologies and their applications in various domains.