Hamza Ameur — Full Stack Developer

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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) — **Khouribga, Morocco**
Bachelor of Technology, Completed the Common Core Program — *2021–2023*

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.