

Hamza Ameer — Junior Web 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)

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.