Hamza Ameur — 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

Faculté Polydisciplinaire de khouribga

Bachelor of Technology, Applied Sciences Physiques

Khouribga, Morocco

2021-2023

Khouribga, Morocco

2018-2021

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.

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

Blog Application: Built a blog application using Java Spring Boot, allowing users to create, read, update, and delete blog posts.

WebServ: Created an HTTP server in C++. This project required 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. **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.

Skills

Web Development: HTML, CSS, JavaScript, PHP, Laravel, NextJs, React, NestJS, Express, TypeScript, Redux Toolkit, Material UI

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

Database: MySQL, MongoDB

Tools: Docker, GitHub, Microsoft Azure

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, Bash, Python

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

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

Languages: English, French, Arabic

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.