

AMINE OUCHAADID

FULLSTACK WEB DEVELOPER

 CASABLANCA

CONTACT

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SKILLS

Programing Languages:

- C : Developed complex programs like fractals visualizers and sorting algorithms
- C++: Built a webserver project showcasing object-oriented programming and networking
- Python : Utilized for backend development with Django REST framework
- JavaScript : Creates dynamic front-end functionality in SPA
- Bash: Automated processes and managed Docker containers

Technologies & Tools:

- Frameworks: Django REST Framework, Bootstrap
- Tools: Docker, Git, Bash scripting

Specializations:

- Backend Development: Focused on APIs and server-side programming
- Systems Programming: Experienced with low-level programming in C and C++
- DevOps: Built and deployed ELK stack and Dockerized applications

Soft Skills:

- Team collaboration and leadership in multiple group projects.
- Strong problem-solving skills demonstrated through project-based learning

LANGUAGES

- Arabic
- English
- Frensh

PROFILE

Motivated software developer and 1337 graduate with expertise in c, c++, and full-stack development. Proficient in project-based problem-solving and collaborative team environments. Eager to apply skills in real-world scenarios and contribute to impactful software solutions.

EDUCATION

1337-MED Coding School - tetouan, Morocco

Completed Full Curriculum (2022-2024)

- Successfully led and collaborated on team-based projects.
- Excelled in solving real-world coding challenges and advanced systems programming

PROJECTS

Full-stack Development:

- Ping-Pong SPA Website : A team-developed application featuring a ping-pong game, real-time chat, and user management, with a microservices backend built using Django REST Framework and PostgreSQL, and a responsive frontend with vanilla JavaScript and CSS. The project runs in a fully Dockerized environment, with ELK Stack integrated for logging and monitoring. My contributions included implementing secure user management with JWT (HttpOnly cookies) and Two-Factor Authentication , handling Dockerization, configuring the ELK Stack, and developing frontend pages and functionalities.

DevOps:

- Inception : This project involves setting up a small infrastructure using Docker Compose in a virtual machine, including containers for NGINX with TLS, WordPress with php-fpm, and MariaDB, connected via a Docker network with persistent volumes for Wordpress files and its database. Bonus features include Redis caching for improved website performance, an FTP server for managing Wordpress files, a static website, Adminer for database management, and cAdvisor for container monitoring.
- ELK stack : this project involves setting up and configuring Elasticsearch, Logstash, and Kibana to collect, process, and visualize logs from the Ping-Pong website. The system is fully Dockerized, enabling efficient deployment and scalability. it provides real-time monitoring and data analysis to ensure better system performance and debugging capabilities.

Low-Level Programming:

- Webserver : C++ project that involves building a lightweight web server capable of handling basic HTTP requests and serving static content.
- Philosophers: C project focused on teaching concurrent programming through the implementation of multithreading and multiprocessing techniques.
- MiniShell : C project that mimics the functionality of Bash, implementing a simple shell capable of executing commands, handling pipes, redirections, and environment variables.
- Sorting Algorithm : C project implementing the Best Move and Longest Increasing Subsequence algorithms.
- a 2D fractal visualizer and a 3D game in C.