# HAMZA OUADIA

JR FULL-STACK DEVLOPER

## CONTACT

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## PROFILE SUMMARY

Motivated junior full-stack developer with hands-on experience in system-level C/C++ programming and modern web technologies. Trained at 1337 coding school through intensive, project-based learning. Passionate about building scalable applications and always eager to explore new tools and best practices in development.

## EDUCATION

**2022-2025**
**1337 CODING SCHOOL**
Université Mohammed VI Polytechnique, Ben Guerir

- Intensive, project-based software engineering program focused on low-level programming,
- algorithms, and full-stack web development.
- Relevant Projects: Inception (Docker/Nginx setup), Webserv (HTTP server in C++), ft_transcendence
- (full-stack multiplayer app)

## SKILLS

**Languages:**

- C, C++, Python, JavaScript

**Web:**

- HTML, CSS, React, Node.js, Express, Tailwind CSS, GSAP, Three.js

**Frameworks/Tools:**

- Django, Docker, Git

**Soft Skills:**

- Teamwork, Problem-Solving, Autonomy, Time Management

## LANGUAGES

- English: Lower Advanced
- French: Lower Intermediate
- German: Basics
- arabic: Native fluency

## PROJECTS

### Travel.In (In Progress)
full-stack Devloper

- A platform that uses AI to recommend personalized travel experiences for tourists, based on their location, interests, and trip duration. It also provides a dashboard for small businesses (hotels, car rentals, tour guides) to list their services.
- **Technologies**: React, Django, Tailwind CSS, PostgreSQL, Python (AI), Docker

### InfraStack
DevOps Engineer

- Built a full virtualized infrastructure using Docker Compose.
- Set up services like Nginx, WordPress, MariaDB, and FTP, all containerized with secure configurations.
- **Technologies**: Docker, Nginx, WordPress, MariaDB, FTP, Debian

### Servix
Systems Software Engineer

- Developed a fully functional HTTP server in C++ from scratch, supporting GET, POST, and DELETE
- methods.
- Implemented CGI handling, configuration parsing, and multi-client support via poll.
- **Technologies**: C++, CGI, Socket Programming, UNIX, poll

### Pong.io
Back-end Devloper

- Created a real-time multiplayer game with authentication, chat, and leaderboard features.
- Used JavaScript, Django, PostgreSQL, and WebSockets.
- Managed deployment using Docker and CI/CD practices.
- **Technologies**:Django, JavaScript, PostgreSQL, WebSockets, Docker

### Portfolio
Front-end Devloper

- Built a modern, responsive portfolio website to showcase personal projects, technical skills, and experience. Developed using React, TailwindCSS, FramerMotion and GSAP with animated scroll and smooth navigation. Deployed as a single-page application with clean UI/UX design and optimized performance.
- **Technologies**:React, Tailwind CSS, GSAP, Framer Motion, Vite