

Ahmed Er-raoui

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ABOUT ME

Web developer skilled in building responsive, user-friendly web applications. Proficient in modern development platforms, focused on delivering impactful digital experiences.

EDUCATION

1337 Coding School -UM6P- (42 Network)	2022 - Present
Advanced programming curriculum	
ISTA NTIC BENI MELLAL	2019 - 2021
IT development	
Lycée EL KHAWARIZMI	2018 - 2019
Baccalaureate in Physical Sciences	

PROJECTS

Mini shell

- ✓ Developed a Unix shell that supports command execution, piping, redirections, and environment variable management.
- ✓ Employed `fork()`, `execve()`, and signal handling to manage processes, which enhanced system programming and memory management.

IRC

- ✓ Developed an IRC chat server supporting private/public messaging with socket programming, multithreading, and client-server architecture for concurrent users.
- ✓ Enhanced command parsing and message handling for real-time communication.

Inception

- ✓ Set up a secure, containerized environment with Docker and Docker Compose.
- ✓ Installed services (Nginx, WordPress, MariaDB) in isolated containers, becoming proficient in system administration and networking.
- ✓ Gained experience in system administration, networking, and automation.

transcendence

- ✓ Built a full-stack web application with real-time multiplayer gaming and chat functionality.
- ✓ Used WebSocket for real-time communication and JWT for secure authentication.
- ✓ Used a responsive UI with Tailwind CSS and Next.js.

SKILLS AND LANGUAGES

Skills:

- Programming: C, C++, Python, JavaScript
- Frontend: HTML, CSS, Tailwind, React, Next.js
- Backend: Django, Django Rest Framework, Django Channels
- Databases: MariaDB, PostgreSQL
- Tools and Technologies: Git, GitHub, Docker, Linux

Languages:

- **Arabe:** Native
- **French:** Second language
- **English:** Intermediate