



Ouassama Redoine

Full Stack developer

SUMMARY

I'm a Full-Stack Developer skilled in React, Django, and JavaScript, now focusing on DevOps. I have hands-on experience with CI/CD, Docker, and Kubernetes, and I'm passionate about automating workflows and optimizing infrastructure. Always learning, I adapt quickly to new technologies to improve development processes.

EXPERIENCE

Full-Stack Web Development – Smash Pong Game

- Developed a real-time ping pong game using **React**, **Django**, **Docker**, and **PostgreSQL**, handling 100+ concurrent users with smooth gameplay.
- Implemented **JWT-based** authentication and **OAuth** login, securing 100% of user sessions and preventing unauthorized access.
- Designed **RESTful APIs** with Django Rest Framework (DRF), reducing response times by 30% through efficient query optimization.
- Integrated **WebSockets** with Django Channels, achieving a 50ms latency reduction for real-time game updates.
- Built a friend request and notification system, increasing user engagement by 40%.

Docker Dominion

Scalable Infrastructure for a WordPress Site:

- Designed and deployed a **Dockerized** WordPress environment, reducing server setup time by 70%.
- Configured **TLS-secured NGINX**, ensuring 99.99% uptime and improving site security.
- Implemented **Docker Compose** to manage 3+ services (**NGINX**, **MariaDB**, **Wordpress with PHP-FPM**), streamlining deployment and maintenance.
- Used **Docker volumes** for persistent storage, preventing data loss in 100% of container restarts.

Chatter Box

An implementation of an Internet Relay Chat (IRC) server using C++

- Developed a multi-client IRC server using non-blocking I/O, supporting 100+ simultaneous connections without performance degradation.
- Implemented JOIN, PART, KICK, and INVITE commands based on the IRC protocol, improving chatroom functionality.
- Designed an efficient memory management system, reducing server crashes by 90% under heavy load.

EDUCATION

1337 Coding School (42 Network)

- Completed the common core program at 1337 (42 Network), mastering problem-solving and advanced programming skills.

Ecole Supérieure de Technologie Berrechid

- Diploma in Computer Engineering from the National School of Technology in Computer Engineering (DUT).

SKILLS

Backend

Django PostgreSQL Redis

Frontend

React Nextjs Tailwind HTML/CSS

Other

Git/Github NPM Figma Unix CLI

Languages

Javascript Python C/C++

DevOps

Docker CI/CD pipelines Kubernetes

✉ oussamaredoine06@gmail.com

🌐 github.com/USM4

📍 Casablanca, Morocco

☎ +212775827999

🌐 linkedin.com/in/oredoine