

Oussama Redoine

Full Stack developer

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📍 Casablanca, Morocco

SUMMARY

I'm a Full-Stack Developer skilled in React, Django, JavaScript, . I build fast, user-friendly web apps with strong backends. I have a global idea of Java, PHP, and DevOps, which helps me adapt and grow. Always learning, I stay updated with tech trends to deliver impactful solutions.

SKILLS

Backend

Django PostgreSQL Redis php

Frontend

React Nextjs CSS HTML/CSS

Other

Git/Github NPM Figma Unix CLI

Languages

Javascript Python C/C++

DevOps

Docker

PROJECTS

Smash it

Full-stack web development ping-pong game project built with **Django**, **React**, **Docker** and **PostgreSQL**.

- Developed a single-page ping pong app with React and Django Rest Framework, managing user authentication, notifications, friendships, friend requests, and CRUD operations for user data.
- Implemented real-time communication with Django Channels and **WebSockets**, enabling seamless game rendering updates between the **backend** and **frontend** for smooth remote **gameplay**.
- Implemented a series of **RESTful API** endpoints using **Django REST Framework (DRF)** for channel management, including creation, modification, and deletion, to enhance administrative efficiency

Inception

Built a scalable infrastructure for a WordPress site leveraging virtualization and containerization technologies.

- Created custom **Dockerfiles** for essential services, including a **TLS-secured NGINX**, WordPress with **PHP-FPM**, and **MariaDB**.
- Utilized **Docker Compose** to orchestrate containerization, ensuring each service runs smoothly in its own dedicated container
- Leveraged **Docker volumes** for data persistence and configured secure networking between containers to ensure safe communication

IRC Protocol

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

- Implemented user commands like JOIN, PART, KICK, and INVITE according to the IRC protocol, allowing users to join, leave, and manage channels effectively.
- Utilized non-blocking I/O operations to enable the server to process multiple client requests concurrently without delay

EDUCATION

1337 Coding School (42 Network)

2022 - Present

- Software Engineer

Ecole Supérieure de Technologie Berrechid

2019 - 2021

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