

# OUAIL ZAHIR

## SOFTWARE DEVELOPER

Results-driven software developer , with meticulous planning and project management, and a focus on understanding prerequisites and setting comprehensive plans. With a solid educational background, and a proven ability to learn quickly, Highly skilled in communication and team collaboration.



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## AREAS OF EXPERTISE

- NodeJs
- NestJs / ExpressJS
- JavaScript / TypeScript
- ReactJs
- Bash
- Unix Programing
- C / C++
- PostgreSQL
- Docker
- Python

## EDUCATION

### 1337 (UM6P) KHOURIBGA

Software Architect

2021 - current

### INFO HOUSE MAROC . FES

Specialized Technician in computer  
networks and operating systems

2016 - 2018

## LANGUAGES

English

Frensh

## EXPERIENCE

### MILITARY SERVICE

Royal Moroccan Armed Forces

2019 - 2020

## PROJECTS

### FT\_TRANSCENDENCE

Online Multiplayer Gaming Platform

- Utilized NestJS Framework as a better tool to foster better team collaboration and code maintainability.
- Utilized ReactJS best practices to create a responsive and user-friendly interface.
- Employed modular design and component-based architecture to facilitate code maintainability and reusability.
- Designed and maintained the database system using PostgreSQL and Prisma
- Used websockets for real-time communication between server and client for live updates and interactive features

### IRC SERVER

IRC (Internet Relay Chat) server implementation

- Written using Unix socket API and c++ , to handle connection and to ensure efficient communication between server and clients.
- Managed user authentication, registration, and access control to ensure a secure chat environment.
- Implemented message and action routing functionalities, enabling real-time communication between users and channels.

### INCEPTION

Orchestrated multiple Docker containers for a LEMP stack infrastructure.

### MORE PROJECTS ON MY GITHUB PORTFOLIO

<https://github.com/waelzahir/>