# MANAR Oussama

## Software Engineer

✉ manarsama01@gmail.com  📞 +212 650353926  📍 Casablanca, Morocco

in oussama-manar  ⓞ omanar42  ↖ omanar.me

## SKILLS

**Programming Languages**
JavaScript, TypeScript, Java, C, C++

**Databases**
PostgreSQL, MongoDB, MySQL, MariaDB

**Object technologies**
OOP, Solid Principles, Design Patterns

**Frameworks**
NestJS, ExpressJS, React, Spring Boot

**Technologies**
Git, Docker, Docker-Compose, SQL, Figma, Linux, macOS

**Additional Qualifications**
Driving License Category B

## PROJECTS

**RESTful API for an E-commerce Platform using Spring Boot**
Developed a comprehensive backend for an E-commerce site, handling product catalog, user authentication, and order processing. I used Spring Boot for its efficient compatibility with Spring MVC, which enhances RESTful service development.

**Interactive Online Platform for Ping-Pong Game Using NestJS/React/PostgreSQL**
Collaborated with a team of two to develop a Ping-Pong website, focusing primarily on backend development. My responsibilities included designing the game logic, implementing chat functionality with WebSockets, managing the database using PostgreSQL with Prisma ORM, and containerizing the project using Docker and Docker-Compose.

**System administration using Docker and Docker-Compose**
Virtualized and Managed multiple Docker images, each hosting services like MariaDB, Nginx, WordPress, Redis, FTP-server, Adminer, and Cadvisor.

**High-Efficiency Web Server Developed in C/C++**
Worked with a two-person team to develop a high-performance HTTP/1.1 Server from scratch using C++98, Meets the requirements of RFC 7230 to 7235 standards.

**Basic version of bash using C Lang**
Developed a simple shell from scratch to function similarly to bash.

## CERTIFICATES

**JavaScript**
- Sololearn JavaScript Intermediate CERTIFICATE

**SQL**
- Sololearn SQL Intermediate CERTIFICATE

**Java**
- Sololearn Java Intermediate

**C/C++**
- CodinGame C/C++ Certification
- Sololearn C/C++ CERTIFICATE
- LinkedIn Skill Assessment - C/C++

## EDUCATION

**1337 Future Is Loading**                                        11/2021 – present
Mohammed VI Polytechnic University                                Ben Guerir, Morocco
Level 11 - 20%

**Baccalaureate**                                                           2019
EL AKKAD high school                                            Casablanca, Morocco

## LANGUAGES

• English                         • French                          • Arabic