

# AYOUB BENSGUIA Software Developer

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## SUMMARY

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I am software developer with a strong background in web development and C/C++. I enjoy solving problems and coming up with creative solutions.

## SKILLS

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- Html/css, Javascript/Typescript
- Express, NestJS, Laravel
- Socket.io, RestAPI
- Git/Github
- NodeJs, PHP
- MySQL, PostgreSQL, Prisma ORM
- C/C++, Problem-Solving
- Docker/Docker-Compose

## EDUCATION

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<b>Software Engineering Degree</b> Mohammed VI Polytechnic University-1337 Coding School	2021 – 2024
<b>Specialized Technician Multimedia Development</b> Ista Ntic Rabat-Ofppt	2019 – 2021
<b>Bachelor of Science in Physics</b> School Ahmed El Bouanani	2017 – 2018

## PROJECTS

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### PIXELPONG

(PING-PONG GAME WEBSITE)

- The project is a multiplayer online game where players compete against each other in a variety of challenges.
- Implementing that feature in the backend using Nestjs and socket.io library for real-time chat between players.
- created the database needed for keeping the chat history.

### WEBSERV

(HTTP WEB SERVER)

- Webserver is a costume HTTP server implementation written in C/C++.
- Implementing the HTTP response and Implementing the CGI feature for the server.
- Managed cookies and sessions for Webserver.

### INCEPTION

(DEVOPS / SYSTEM ADMINISTRATION)

- Inception focuses on expanding my Docker expertise by configuring diverse services in separate containers.
- Using tools like Docker, docker-compose, and incorporating MariaDB, Redis, Nginx, and WordPress.
- the project aims to enhance my knowledge in containerization and orchestration, fostering a comprehensive understanding of deploying services within a Docker environment.

### MINISHELL

(CUSTOM SHELL INTERFACE)

- The project is a simplified command-line interface for basic commands and file system navigation.
- Enhanced understanding of system fundamentals: process management, file handling, command execution.
- Proficiency in C programming demonstrated through parsing, environment variable handling, redirection, and signal handling.

## LANGUAGES

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- Arabic
- English
- French