

Mimoun Tigunit

FULL-STACK DEVELOPER

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Tetouan, Tanger-Tétouan-Al Hoceïma, Morocco

PROJECTS

ApexPongBattle

February 2024 - may 2024

Built a robust online ping pong game web app with advanced features.

- Developed ft_transcendence, a website for real-time Pong contests with a NestJS backend and a TypeScript frontend.
- Implemented PostgreSQL database, OAuth login, user profiles, and two-factor authentication. Created a chat system with public/private channels, direct messaging, and game invitations.
- Developed a responsive live Pong game with matchmaking, customization options, and robust network issue handling.

Webserv

October 2023 - December 2023

Built a simple web server modeled after Nginx.

- Developed WebServ, a HTTP server in C++ 98, compliant with HTTP 1.1 standards.
- Implemented GET, POST, and DELETE methods, serving static content and handling file uploads.
- Created a configuration file to customize server behavior, including port selection, error pages, and route management.
- Ensured non-blocking, resilient operation using poll() for all I/O, supporting concurrent client connections.

Inception

December 2023 - janvier 2024

An extensive Docker project aimed at practical container deployment in real-world scenarios.

- Developed Inception, a system administration project using Docker to virtualize NGINX, WordPress, and MariaDB services within containers on a VM
- Implemented security measures: TLS, hashed passwords, SQL injection protection, and environment variables

Minishell

February 2023 - March 2023

Build a basic shell program similar to bash.

- Developed Minishell, a C-based shell implementation with features akin to Bash, including prompt display, command execution, history, redirections, pipes, and built-ins like echo, cd, pwd, export, unset, env, and exit

SKILLS

- HTTP
- CSS
- Javascript / Typescript
- ReactJS / NextJS
- Docker
- C / C++
- NodeJS / NestJS
- Git
- Bash

EDUCATION & CERTIFICATIONS

Software Development

1337 Coding School, Khouribga, Morocco

October 2022 - Present

LANGUAGES

- Arabic (Native)
- French (Limited Working Proficiency)
- English (Professional working proficiency)
- German (Elementary Proficiency)

SOFT SKILLS

- Creativity
- Problem-solving
- Teamwork
- Communication