

Abdellah Azeroual

Front-end Developer

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GITHUB | LINKEDIN

EDUCATION

1337 CODING SCHOOL
INFORMATION TECHNOLOGY ARCHITECTURE

2022 - Present
Khouribga, Morocco

SKILLS

PROGRAMMING LANGUAGES	C, C++, JavaScript, Bash
LIBRARIES/Frameworks	React, Next.js, TailwindCSS
TOOLS / PLATFORMS	Git, UI/UX, HTML, CSS, Docker

PROJECTS / OPEN-SOURCE

INTERACTIVE WEB-BASED PING PONG GAME

Next.js, TypeScript, Django-Rest, TailwindCSS

- Built responsive frontend for real-time multiplayer ping pong gameplay
- Engineered tournament management system with bracket visualization
- Implemented WebSocket-based chat system for player interaction
- Created intuitive UI/UX for game controls and tournament navigation
- Developed friends system with real-time status and game invitations

PERSONAL PORTFOLIO | [LINK](#)

Next.js, TailwindCSS

- Built responsive portfolio website featuring Home, About, Projects, and Skills sections
- Developed interactive skills visualization with technology proficiency levels
- Implemented smooth navigation with custom scroll animations
- Designed a project gallery with elegant tile-based layout
- Designed mobile-first UI with modern minimalist aesthetics

INTERNET RELAY CHAT (IRC)

C++

- Implemented a robust IRC server and client architecture using C++
- Developed real-time message broadcasting and channel management system
- Built user authentication and session handling functionality
- Engineered network protocols for reliable message delivery
- Implemented IRC commands and user privilege management

INCEPTION (DOCKER PROJECT)

Bash, Docker

- Orchestrated multi-container infrastructure using Docker Compose
- Configured and deployed NGINX, WordPress, and MariaDB services
- Implemented persistent volume management for data preservation
- Built custom Docker images with optimized configurations
- Designed secure network architecture for container communication

MINISHELL (SHELL IMPLEMENTATION)

C

- Built a Unix shell with custom command interpreter in C
- Implemented lexer and parser for command-line processing
- Developed process management system with fork and execve