FOUADI MAROUANE
SOFTWARE ENGINEER

Portfolio: www.mushigarou.me

Email: fouadi.marouane007@gmail.com

Github: github.com/Mushigarou

Linkedin : linkedin.com/in/marouane-fouadi

EDUCATION

Computer Architect   1337 Coding School-UM6P, Khouribga, Morocco • Oct 2022–present

- **Coursework** : Software development, Algorithms, Data structures, Databases, Graphics, Network & system administration, Web development

Bachelor's degree in Management   Ibn Zohr University, Agadir, Morocco • 2018-2021

- **Coursework** : Communication, Marketing, Business Strategies, Economics, Accounting.

SKILLS

C, C++, Make, HTML5, CSS3, Typescript, Javascript, Python, NextJS, React, Bootstrap, PostgreSQL, Git, Github, Docker, Docker-compose, Problem-solving, Collaboration

PROJECTS

Ping Pong web application

- Designed and implemented a user-friendly settings page using TypeScript, Bootstrap, and NextJS, allowing users to easily update their profiles.
- Developed an interactive game component for color selection, giving users the ability to personalize their experience.
- Integrated real-time updates for live tournament matches using WebSocket technology, ensuring a dynamic user interface.
- Created an intuitive statistics page to present data insights clearly to users.
- Built management pages to let users effortlessly create, join, and search for tournaments.

IRC server

- Developed an IRC server using C++ following industry-standard RFC specifications to support numerous concurrent users.
- Optimized resource usage through I/O multiplexing, enhancing server performance.
- Implemented login to safeguard user data and private channels.
- Developed essential IRC commands to improve user interaction and channel management.

Minishell

- Replicated a command-line environment similar to Bash in C language, enabling users to run multiple commands in sequence.
- Handled complex input and output redirection, ensuring smooth data flow between commands.
- Implemented multi-command piping to ensure proper communication and execution between commands.

Inception (WordPress Site Using Docker)

- Developed a fully functional website using Docker technologies, ensuring reliable deployment of services.
- Wrote Dockerfiles and setup scripts to automate environment setup and container management.
- Orchestrated core services using Docker Compose, enhancing efficiency and reducing manual configuration.

LANGUAGES

- **English** : Intermediate
- **French** : Pre-Intermediate
- **Arabic** : Native