Zakaria Wina

Software engineer

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🔗 https://zwzone.me/

SKILLS

- C / C++ | Javascript | Typescript | Python | Java

- Next | React | Tailwind | Bootstrap | Django | Spring

- System Administration | Linux | Shell | Git | Docker | Docker Compose | Micro-Services

- Task Management | Diagramming Tools (UML, ERD) | Git branching model (Gitflow)

- Fast Learner | Team Contributor | Quick to Adapt | Eager to Learn New Technologies

- Arabic | English

EDUCATION

1337 School Benguérir (42 Network)   2021 | Ben Guerir, Morocco

National School of Applied Sciences   2020 | Agadir, Morocco

PROJECTS

ft_transcendence, *a full stack web application* 🔗
This is my first web application, which helped me grasp web technologies better. The project is a multiplayer online pong game where players compete. We built the frontend using HTML, CSS, vanilla JavaScript, and incorporated some Bootstrap features. On the backend, we utilized Django. I focused on frontend development and learned key aspects of vanilla JS such as Web Components, Fetch API, and History API for routing. Additionally, I gained familiarity with Django's backend using Django ORM, Django REST framework for building RESTful Web APIs, and Django Channels for handling WebSockets.

webserv, *an HTTP server* 🔗
This project involves creating a custom HTTP server using C++98, offering hands-on experience in socket programming and understanding the details of the Hypertext Transfer Protocol (HTTP). The server can effectively serve web pages, manage different HTTP methods, and integrate essential features for a fully functional web server.

inception, *containerization with docker* 🔗
This project is designed to advance my proficiency in containerization by configuring various services within separate containers. I utilized tools like Docker and docker-compose to set up different services in their containers. The goal is to improve my understanding of how to deploy services effectively in a Docker environment.

ft_containers, *data structures and algorithms* 🔗
This is a re-implementation of the standard containers in C++, which significantly enhanced my understanding of data structures. Specifically, I focused on re-implementing vector, map, stack, and set, providing me with valuable insights into their operations and complexities.

AWARDS

Codingame Fall Challenge 2022 🔗   Jan 2022
I contributed to the 1337 Coding School team getting the 13th position in Morocco. I showed good teamwork and adaptability in high-pressure coding situations.

MNPC Moroccan National Programming Contest 🔗   Mar 2023
I participated in the biggest CP (Competitive Programming) event in Morocco with my school team. We ranked 20th among 90 teams.