



ZAKARIA RABHI

JUNIOR SOFTWARE ENGINEER

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👤 PROFILE

Detail-oriented and highly motivated Junior Software Engineer with a solid foundation in web development, system administration, OOP / Imperative programming, algorithms, and Cybersecurity enthusiast, seeking opportunities to leverage my comprehensive skill set and contribute to innovative projects while continuously enhancing my expertise.

📁 PROJECTS

ft_transcendence, Online Multiplayer Gaming Platform [🔗](#)

- Leveraged full-stack skills (TypeScript / NextJS / TailwindCSS / NestJS / PostgreSQL / Prisma/PostgreSQL) to create an engaging gaming platform with real-time chat.
- Fostered teamwork and problem-solving abilities in a collaborative environment.

Inception, Visualizing Docker Images [🔗](#)

- Utilized Docker Compose for orchestrated service deployment.
- Developed individual Dockerfiles and a Makefile for efficient image creation.
- Established Docker network for seamless container communication.

Born2beroot, Secure System Administration [🔗](#)

- Demonstrated Linux system administration and security skills through born2beroot project.
- Configured secure virtual machine environment.
- Managed users, set up networks, and implemented firewall protection.
- Strengthened understanding of server management and security best practices.

Minishell, Re-coded small shell based on zsh [🔗](#)

- Constructed a shell interpreter from scratch using minimal system calls.
- Implemented core functionalities, including reading command lines, parsing, and executing commands.

irc_server, INTERNET RELAY CHAT Server [🔗](#)

- Developed a custom IRC server, showcasing advanced network programming and system design skills in C++.
- Implemented essential IRC server functions, such as authentication, nickname setting, and channel-based messaging based on IRC Client (LimeChat).

ft_containers, STL Container Reconstruction [🔗](#)

- Re-implemented map, vector, stack, and set containers in the ft container project, deepening understanding of C++ data structures.
- Engaged in reconstructing essential functions within the C++ STL, gaining practical experience and strengthening proficiency in container implementations.

🎓 EDUCATION

Software Architect, 1337 (UM6P)

2021 – present | Khouribga, Morocco

High School Diploma, Oussama Bnou Zaid

2020 | Khouribga, Morocco

🧠 SKILLS

- | | | |
|---------------------------|-------------------------|------------------------|
| • JavaScript / Typescript | • ReactJS/NextJS | • NodeJS/NestJS |
| • Prisma/TypeORM | • OOP | • Linux/Bash Scripting |
| • MariaDB/PosgreSQL | • System Administration | • C/C++ |
| • Docker | • Git (Version Control) | • CSS/Tailwind CSS |

🧩 SOFT SKILLS

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|-----------------------|-------------------|-----------------|
| • Team Player | • Fast Learner | • Work Ethics |
| • Creative | • Debugging | • Communication |
| • Attention to Detail | • Problem-solving | |