Rida Rhnizar

Software Engineer (Entry-Level)

Email: ridarhnizar1337@gmail.com | Phone: +212 6 4798 2638

[LinkedIn](#) | [GitHub](#) | [Codingame](#)

Professional Summary

Motivated entry-level Software Engineer with a strong foundation in backend development, algorithm optimization, and DevOps practices. Skilled in C++, Python, Docker, and Django, with a focus on building scalable and efficient applications. Experienced in using Linux and containerization tools to deploy software solutions. Passionate about applying problem-solving skills and clean code principles to develop high-quality, maintainable software.

Technical Skills

- **Languages**: C, C++, Python, JavaScript
- **Frameworks**: Django REST API, ReactJS, Node.js
- **DevOps**: Docker, CI/CD pipelines, Virtualization
- **Tools**: Git, GitHub, GitLab
- **Backend & API Design**: MySQL, PostgreSQL, Firebase, RESTful APIs
- **Linux & System Knowledge**: Shell scripting, Bash, Linux system administration

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Professional Experience

1337 Coding School | Software Engineering Student
September 2022 – Present

- **Hackathon Participation**: Competed in **Solana Radar Hackathon** and **XAD Hackathon**, tackling real-world challenges, collaborating with teams, and creating innovative solutions in a high-pressure environment.
- **Competitive Programming**: Actively engaged in **CodinGame** and **MNPC** competitions, sharpening algorithmic and problem-solving skills and achieving recognition for efficient code solutions.
- **Advanced Programming Challenges**: Completed a series of progressively complex projects, building proficiency in software development principles and advanced coding techniques in C, C++, Python, and JavaScript.

Agence Tashilat
Software Installation & Maintenance Technician | Mar 2022 – Sep 2022

- Installed and configured software systems for clients, ensuring optimized performance and usability.
- Troubleshoot software and hardware issues, enhancing system efficiency for multiple users.

SanadTech Technologies
Software Development Intern | Oct 2021 – Mar 2022

- Developed a web application to streamline employee vacation request management using ReactJS and Firebase.
- Implemented features for seamless user experience and efficient backend processes.
- Utilized GitLab for version control and collaborative development in a team environment.

Projects

[**XAD Challenge**](#)

Contributed to a preselection project for the XAD Hackathon, focusing on optimizing Automatic Differentiation (AD) through advanced data handling and algorithmic improvements. *Languages used: C++*.

[**FT Transcendence: Multiplayer Pong Contest Platform**](#)

Developed a Django-based multiplayer contest platform with Docker, supporting real-time game interactions and tournament hosting for a competitive environment.

[**My WebServ**](#)

Built an HTTP server in C++, implementing core HTTP functionality for request and response handling, demonstrating backend engineering and an understanding of the HTTP protocol.

[**Inception Project**](#)

Used Docker for virtualization and containerization, building scalable software environments aligned with DevOps practices.

[**Minishell**](#)

Created a simple shell in C, applying system-level knowledge and shell scripting to reinforce understanding of Linux commands and process management.

Education

UM6P 1337 Coding School
Software Engineering | Sep 2022 – Present

OFPPT
Higher Technical Diploma, Computer Science | Sep 2019 – Jun 2021

Baccalaureate in Life and Earth Sciences | 2019

Languages

- Arabic: Native
- English: Professional Proficiency
- French: Professional Proficiency