

Rida Rhnizar

Full-Stack Software Engineer | Java/Spring Boot • Next.js • Flutter • AWS | CS @ UM6P 1337

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🔗Portfolio: <https://ridarhnizar.online> [LinkedIn](#) | [GitHub](#) | [CodinGame](#)

Professional Summary

Motivated Software Engineer with expertise in backend development, DevOps automation, and enterprise application design. Proficient in Java/Spring Boot, Python/Django, Next.js, and Flutter, with experience delivering scalable web and mobile applications across diverse domains. Skilled in containerization, CI/CD pipelines, and cloud deployment on AWS. Passionate about solving complex challenges and building high-quality, maintainable software solutions tailored to business needs.

Technical Skills

- **Languages:** C, C++, Java, Python, JavaScript, TypeScript, Dart
- **Backend Frameworks:** Spring Boot, Django REST API, Node.js, Firebase
- **Frontend Frameworks:** Next.js, React.js, Flutter
- **DevOps & Cloud:** Docker, Kubernetes, AWS, CI/CD pipelines, Nginx, Kafka, Virtualization
- **Tools:** Git, GitHub, GitLab, ClickUp, pgAdmin, Postman
- **Databases:** PostgreSQL, MySQL, MariaDB
- **API Design:** RESTful APIs, WebSockets, Socket.io
- **Linux & System:** Shell scripting, Bash, Linux system administration, System Programming

Professional Experience

Software Engineer Intern

Wadouz Startup | Casablanca, Morocco | Feb 2025 – Aug 2025

- Contributing to two major projects: Lotentika E-commerce Platform and Wadouz Mobile App
- **Lotentika E-commerce Platform:**
 - Developed and maintained full-featured e-commerce website
 - Implemented CI/CD pipeline for automated deployment on AWS
 - Fixed payment issues with NAPS and improved mailing service functionality
 - Added Cash on Delivery (COD) payment options
 - Integrated Aramex API for end-to-end shipping automation
- **Wadouz Mobile App:**
 - Integrated Meta WhatsApp Business API for OTP delivery, secure messaging, and customer engagement.
 - Completed Meta Business verification and message template approval, ensuring compliance with security and policy standards.
 - Deployed WhatsApp Business API as a reusable service, enabling seamless integration for authentication, communication, and marketing.
- **Technologies:** Next.js, Java Spring Boot, AWS, CI/CD, PostgreSQL, Flutter

Software Engineering Student

1337 Coding School | Morocco | Sep 2022 – Present

- Hackathon Participation: Solana Radar & XAD Hackathon
- Competitive Programming: CodinGame & MNPC competitor
- Advanced Programming: Built projects using C, C++, Python, JavaScript

Software Installation & Maintenance Technician

Agence Tashilat | Morocco | Mar 2022 – Sep 2022

- Installed and configured client software systems
- Troubleshoot software/hardware issues
- Delivered technical support and maintenance

Software Development Intern

SanadTech Technologies | Remote | Oct 2021 – Mar 2022

- Built vacation request web app using ReactJS and Firebase
- Streamlined backend workflows
- Used GitLab for collaborative version control

Key Projects

Enterprise Web Application Development

- Developed secure, scalable backend services and APIs
- Focused on performance optimization, security, and system integration
- **Technologies:** Java Spring Boot, Next.js, PostgreSQL, AWS

XAD Challenge

- Preselection project for XAD Hackathon (Automatic Differentiation)
- Optimized AD using advanced data structures and algorithmic improvements
- [GitHub](#)
- **Languages:** C++, CI/CD

FT Transcendence: Multiplayer Pong Platform

- Built real-time contest platform with Django and Docker
- Implemented tournament system, user authentication, and scoring
- [GitHub](#)
- **Technologies:** Django, Docker, PostgreSQL, WebSockets

My WebServ

- Developed HTTP server in C++ to handle requests and responses
- Demonstrated strong understanding of HTTP protocol
- [GitHub](#)

Inception Project

- Used Docker for virtualization and orchestration
- Followed DevOps practices for scalable environments
- [GitHub](#)

Minishell

- Created a simple Linux shell in C with process and memory management
- [GitHub](#)

Education

Software Engineering Student

UM6P - Mohammed VI Polytechnic University - 1337 | Tetouan, Morocco
Sep 2022 – Sep 2025

Higher Technical Diploma in Computer Science

OFPPT | Benguerir, Morocco
Sep 2019 – Jun 2021

Baccalaureate in Life and Earth Sciences

Lycee Labrikiyin | Benguerir, Morocco | 2019

Languages

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