

AMINE RAKIBE

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PROFESSIONAL SUMMARY

Backend Developer with 6 months of hands-on experience and over 3 years of continuous learning. Skilled in Node.js, NestJS, MongoDB, PostgreSQL, Prisma, TypeORM, and AWS Lambda. Passionate about building scalable APIs, clean code, and contributing to impactful backend systems

EDUCATION

Programming and Software Development
1337 Khouribga, Morocco
October 2021 – Present

- Certified in software development principles and problem-solving.
 - Trained in industry-standard coding practices and collaborative project work.
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RELEVANT EXPERIENCE

Information Technology Intern

- Onedustry Technologies – Casablanca, Morocco
 - July 2024 – January 2025 (6 Months)
 - I work with MongoDB Atlas and AWS Lambda using native Node.js, and I use Keycloak for authentication and authorization
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SKILLS

- Languages: JavaScript / TypeScript, C, C++, Sol
 - Backend Development: NestJS, ExpressJS, Keycloak (Authentication & Authorization)
 - Databases & ORMs: PostgreSQL, Prisma, TypeORM
 - DevOps & Tools: Docker, Docker Compose, Kubernetes, Git, Shell
 - Cloud & Serverless: AWS, AWS Lambda
 - Blockchain: Solidity (Smart Contract Development)
 - Proficient in AI-assisted development using ChatGPT, Claude, and Cursor to enhance coding efficiency and problem-solving.
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PROJECTS

INCEPTION

As part of my system administration skill development, I built three Docker images for WordPress, Nginx, and MariaDB. I utilized these images to gain practical knowledge of system administration and enhance my virtualization skills.

WEBSERV

Created custom HTTP server using C++ to gain hands-on experience with the HTTP protocol. Tested the server with various browsers to ensure reliability and compatibility.

INCEPTION-OF-THINGS

Built a compact Kubernetes lab using K3s, K3d, and Vagrant.
Containerized and deployed multiple apps with host-based Ingress routing.
Automated GitOps with Argo CD, integrating GitHub and self-hosted GitLab

BRAINTYPE

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QUICKCUT

A modern URL shortener platform that enables users to create, manage, and track short links with detailed analytics and a sleek, responsive interface

FT_TRANSCENDENCE

Team member on ft_transcendence (42 Network): real-time multiplayer game backend.
Designed and implemented private and group chat systems using WebSockets for low-latency in-game messaging.

DARKLY

Explored core web security concepts and OWASP Top 10 through hands-on labs.
Learned how common frameworks handle security automatically and what to configure manually.
Practiced hardening, secure configuration, and defensive measures for web services

TOKENIZER

DEVELOPED AND DEPLOYED A CUSTOM ERC-20 TOKEN GENERATION PLATFORM ON ETHEREUM HOLESKY TESTNET USING SOLIDITY V0.8.27. IMPLEMENTED SECURE SMART CONTRACTS WITH OPENZEPPPELIN LIBRARIES, INTEGRATED METAMASK WALLET CONNECTIVITY, AND CREATED A TOKENIZATION SYSTEM WITH "42" BRANDING REQUIREMENT COMPLIANCE. DEMONSTRATED PROFICIENCY IN BLOCKCHAIN DEVELOPMENT, SMART CONTRACT SECURITY, AND DEFI INFRASTRUCTURE DEPLOYMENT.

TOKENIZEART

DEVELOPED A DUAL-MODE ERC-721 NFT SMART CONTRACT USING SOLIDITY AND OPENZEPPPELIN LIBRARIES, ENABLING BOTH OFF-CHAIN (IPFS) AND FULLY ON-CHAIN MINTING WITH EMBEDDED SVG VISUALS. IMPLEMENTED SECURE OWNERSHIP CONTROLS, BASE64 ENCODING FOR SELF-CONTAINED METADATA, AND INTEGRATED WEB FRONTEND WITH METAMASK CONNECTIVITY. DEMONSTRATED EXPERTISE IN NFT DEVELOPMENT, ON-CHAIN DATA STORAGE, AND DECENTRALIZED APPLICATION ARCHITECTURE.