

RANDRIANARIVONY ANDRITIANA RICHIE

Junior Full-Stack Developer

SUMMARY

- Full-Stack Developer skilled in Next.js, React, TypeScript, Node.js, and Prisma with hands-on experience building scalable e-commerce platforms and secure REST APIs.
- Expertise in cybersecurity tools including web vulnerability and malware scanners, emphasizing security-focused software development.
- Proficient in backend technologies: Express, MongoDB, JWT, NextAuth, and frontend styling with Tailwind CSS.
- Experienced with Linux environments, Docker, Git, and continuous learning in Web3 integrations like MetaMask, wagmi, and smart contract interaction.
- Certified in Cybersecurity Fundamentals and Cyber Attack basics, combining software engineering with security best practices.

TECHNICAL SKILLS

Main Technical Skills	Next.js (1 yr.), React (1 yr.), TypeScript (1 yr.), Node.js (1 yr.)
Programming Languages	C, JavaScript, Python, TypeScript (1 yr.)
JavaScript Frameworks	Express, Next.js (1 yr.), Node.js (1 yr.), React (1 yr.)
Databases & Management Systems / ORM	MongoDB (1 yr.), Prisma (1 yr.)
UI Frameworks, Libraries, and Browsers	CSS, HTML, Tailwind CSS
Cloud Platforms, Services & Computing	AWS
Scripting and Command Line Interfaces	Bash, PowerShell
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker, Kubernetes
Version Control	Git, GitHub
Mail / Network Protocols / Data transfer	JWT (1 yr.)
SDK / API and Integrations	JWT (1 yr.), RESTful API (1 yr.)
Operating Systems	Linux

WORK EXPERIENCE

Full-Stack Developer (Full-Stack E-commerce Platform)

Summary:

- Developed a complete e-commerce application featuring user authentication and product management
- The platform enables users to browse, select, and purchase products online, providing a seamless shopping experience

Responsibilities:

- Designed and implemented frontend using Next.js and React.
- Developed backend REST APIs with Node.js, Express, and Prisma.
- Integrated MongoDB for database management.
- Implemented secure user authentication using JWT and NextAuth.

Technologies: Next.js, React, TypeScript, Node.js, Express, Prisma, MongoDB, JWT, NextAuth, REST APIs

Developer (Web Vulnerability Scanner)

Summary: Created a web vulnerability scanner tool designed to identify common security weaknesses in web applications, helping to improve overall security posture.

Responsibilities:

- Developed scanning algorithms to detect vulnerabilities.
- Tested and validated scanner effectiveness against common web threats.

Developer (Virus Scanner)

Summary: Developed a security-focused malware scanning project aimed at detecting and mitigating malware threats to enhance system security.

Responsibilities:

- Implemented malware detection mechanisms.
- Conducted testing to ensure accurate virus identification.

Home Lab Administrator (Home Lab Linux, Networking, Virtualization)

Summary: Maintained a personal home lab environment focusing on Linux systems, networking, and virtualization to enhance cybersecurity skills and practical knowledge.

Responsibilities:

- Configured and managed Linux servers and networking setups.
- Utilized virtualization technologies for lab environments.
- Engaged in cybersecurity exercises on platforms like TryHackMe and Hack The Box.

Technologies: Linux, Networking, Virtualization, TryHackMe, Hack The Box

EDUCATION

- **High School Diploma**
Until 2022

CERTIFICATION

- **IBM — Cybersecurity Fundamentals**
- **UNI Athena — Basics of Cyber Attacks & Threats**

