# Emmanuel Ofoneta

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## SUMMARY

**Full-stack Software engineer** with a strong **backend** focus, experienced in building **performant** applications using **TypeScript**, **Java (Spring Boot)**, and **Go**. Expert in utilizing modern **frontend** tools. Proven ability to deliver value from architecture to deployment; strong grasp of **system design**, with hands-on production support in fast paced **Agile** environments. I value clean code, clear **communication**, and building tools that improve developer and user experience.

## EDUCATION

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|---|---|
| **Lagos State University** | Ojo, LA |
| *Bachelor of Science in Computer Science* | *Aug. 2023 – June 2027* |
| **New Horizon Computer College** | Ikeja, LA |
| *Software Engineering (Java Technology)* | *May 2024 – Oct 2024* |

## WORK EXPERIENCE

**Full-stack Engineer** — Jan 2024 – Present
*Freelance* — *Ikeja, LA*

- Developed a full-fledged **e-commerce** platform using **React** and **TypeScript (Express.js)**, containerized with **Docker** for containerization.
- Used **Redis** to optimize session management and product caching, improving server performance by **30%**.
- Optimized frontend **caching** to speed up product rendering, improving **UX** and reducing server costs by 60%.
- Prioritized **performance** and scalability, building an optimized solution that saves time and infrastructure costs for the client without compromising quality.

**Software Developer** — Jan 2024 – Mar 2024
*The Tann Mann Gaadi* — *Remote*

- Collaborated with backend engineers to streamline integration using shared API contracts.
- Actively participated in daily **Scrum** standups, communicating progress and aligning with cross functional team goals
- Built **responsive**, pixel-perfect UIs from **Figma**, ensuring visual consistency.

**System Automation Engineer** — May 2024
*Freelance* — *Remote*

- Automated the CLI-based installation of **AI facial recognition and avatar-swapping tools**.
- Streamlined manual setup processes into a single-command script for non-technical users.

## PROJECTS

**Talewhirl-bsn** | *Java, Docker, Spring Boot, PostgreSQL* | **GitHub** — Sept 2024 – Dec 2024

- Built **Talewhirl**, an open-source API for a social book platform with secure auth, email verification, and 30+ relational tables
- Documented endpoints with **OpenAPI** and containerized the app using Docker, adding CI/CD for automated deployment.
- Solo developed the entire project, ensuring it's scalable, easy to use, and contributor-friendly.

**QuorixAi** | *OpenAI, TypeScript, Next.js, Clerk* — Ongoing

- Created a tool that transforms **AI-generated text** into more human-like, essay-style responses.
- Built with **Next.js + Clerk** for fast onboarding, access control, and great UX.
- Added rate limiting and fair usage policies to ensure smooth scaling.

## TECHNICAL SKILLS

**Backend**: Java (Spring Boot), Go (Gin Gonic), TypeScript (Node.js/Express)
**Frontend**: React, Next.js, Tailwind CSS
**Databases**: PostgreSQL, MongoDB, MySQL, Redis
**DevOps/Tools**: Docker, Git, CI/CD, Figma, VS Code
**Others**: OpenAI, Spring Security, Gsap