

USHINDI BIHAME VICTOIRE

FULL-STACK SOFTWARE ENGINEER

React • TypeScript • Node.js • Python • Php • Java • NestJS • PostgreSQL • Prisma • Docker • REST APIs

Kigali, Rwanda | Remote | Open to International Opportunities

[Email](#) | [Github](#) | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3 years of hands-on software development experience building and improving production-oriented web applications and APIs. Strong in React, TypeScript, Node.js, NestJS, Java, Php, Python, PostgreSQL, Prisma, REST API design, and Docker, with experience across frontend, backend, database integration, testing, and deployment workflows. Currently contributing to software projects at the Rwanda Revenue Authority (RRA) and serving part-time with Open Source Kigali (OSK) as a backend developer and contributor mentor. Experienced working independently and with distributed teams, translating requirements into maintainable solutions, mentoring contributors, and communicating effectively in remote environments.

TECHNICAL SKILLS

- **Frontend:** React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS
- **Backend:** Node.js, Express.js, NestJS, RESTful APIs, Authentication & Authorization
- **Data:** PostgreSQL, Prisma ORM, MongoDB, relational data modeling
- **Engineering:** Clean Architecture, API Design, Testing, Performance Optimization, Code Review
- **DevOps & Tools:** Docker, Git, GitHub, GitHub Actions, Netlify, VS Code, Figma
- **Additional:** Python, Java, Spring Boot, PHP, Networking, AWS Cloud Fundamentals

PROFESSIONAL EXPERIENCE

Backend Developer & Contributor Mentor (Part-Time) — Open Source Kigali (OSK) | August 2026 – Present | Remote / Kigali

- Develop backend features and APIs using TypeScript-based server technologies, including NestJS, Prisma, PostgreSQL, and supporting services.
- Review contributor work, help new open-source contributors understand project structure and engineering practices, and provide implementation guidance.
- Contribute to API improvements, testing, documentation, and backend reliability across community-driven software projects.
- Collaborate through GitHub pull requests, issues, code reviews, and asynchronous communication.

Full-Stack Developer (FullStack Software Engineer) — Rwanda Revenue Authority (RRA) | July 2025 – May 2026 | Kigali, Rwanda

- Contribute to full-stack development on internal government software projects, working across frontend interfaces, backend services, and API integrations.
- Implement and improve application features with modern web development practices, maintainable code, and attention to usability and performance.
- Collaborate with senior engineers and project stakeholders to understand requirements, troubleshoot issues, and deliver working solutions within team standards.
- Work in a professional public-sector environment where reliability, clear documentation, and secure handling of application data are important.

Lead Software Engineer — Quanta Ltd | July 2025 – January 2026 | Kigali, Rwanda

- Led software engineering initiatives while remaining hands-on in full-stack application development.
- Designed scalable application architectures and REST APIs for production-oriented platforms.
- Built and maintained frontend and backend functionality with React, TypeScript, Node.js, and PostgreSQL.
- Mentored developers, reviewed code, and promoted clean, maintainable engineering practices.
- Aligned technical delivery with product requirements and business goals in a startup environment.

Freelance Full-Stack Software Engineer — Remote | March 2024 – April 2025

- Deliver end-to-end web applications from requirements and UI implementation through backend APIs, data integration, and deployment.
- Build responsive React frontends and secure Node.js APIs with authentication, validation, and database integration.
- Work directly with clients to clarify requirements, prioritize features, manage delivery, and solve technical issues independently.
- Selected projects include Leave Management System, Azone Coffee Shop, Kimirogo Restaurant, AUA Login System, and a weather-integrated application.

SELECTED OPEN SOURCE & ENGINEERING ACTIVITY

- Open Source Kigali: Regular contributor to backend repositories and community projects; active in feature development, bug fixes, tests, documentation, and pull-request workflows.
- Wiki.js: Submitted a pull request addressing PostgreSQL SSL certificate handling (DB_SSL_CA) with support for certificate file paths and Base64 certificate content.
- GitHub: Consistent contribution activity across personal, open-source, and collaborative projects, including API development and engineering documentation.

EDUCATION

Bachelor of Science in Software Engineering — Adventist University of Central Africa (AUCA) | 2024 – 2026|

Kigali, Rwanda

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- AWS AI & ML Scholars Program — Python, AWS Cloud Fundamentals, Data Preprocessing, Machine Learning, SageMaker, Real-World Project Development (2026)
- JavaScript Essentials 1 & 2 — Cisco Networking Academy
- Advanced Network Operations — Internet Society
- CodeAlpha Virtual Internships — Web Development & Frontend Development (2025)

LANGUAGES

English (Fluent) • French (Fluent) • Swahili • Kinyarwanda • Lingala