Eric NIYIKIZA

Passionate Software & Network Engineering Enthusiast
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EXPERIENCE

Freelance Developer — Online Observation System for Shoe Sales
Remote | Aug 2025 – Present

- Designed and implemented an e-commerce behavior tracking system with role-based dashboards (Admin, Customer, Manager).
- Developed login/registration modules with database integration (MySQL).
- Built customer features: product viewing, order placement/cancellation, and payment processing.
- Implemented admin CRUD operations and structured code organization.

Student Developer — Personal Learning Projects
Gasabo, Kigali, Rwanda | 2024 – 2025

- Built small-scale PHP/MySQL projects for practice, including database CRUD apps and user authentication systems.
- Experimented with responsive UI design using HTML, CSS, and JavaScript.
- Explored network setup, server hosting, and security configurations.

Volunteer IT Assistant — Local Community Projects
Musanze & Gasabo, Rwanda | 2023 – 2024

- Assisted in setting up computer networks for small businesses.
- Supported basic troubleshooting and system updates.

EDUCATION

Adventist University of Central Africa (AUCA) — Bachelor's in Software Engineering

SKILLS

Web Development: HTML, CSS, JavaScript, PHP

Database Management: MySQL

Network Basics: Configuration, troubleshooting, LAN setup

Version Control: Git (basic)

Office Tools: Microsoft Word, Excel, PowerPoint

Communication Skills: Public speaking, teamwork, and collaboration

Problem-Solving Skills: Analytical thinking, creative solutions for technical challenges

Time Management: Ability to prioritize tasks and meet deadlines

Customer Service: Helping users with troubleshooting and technical guidance

Adaptability: Quick learning of new tools and technologies

AWARDS

- Recognized for outstanding progress in self-taught programming.
- Assisted peers with learning database systems and PHP scripting.
- Awarded a certificate of recognition for two years of online service provision at a local company.

Kigali, Rwanda | 2022 – Present

- Studying software engineering with focus on web development, databases, and network systems.
- Engaged in academic and personal projects to strengthen programming and problem-solving skills.

Self-Learning Path in Software & Network Engineering
Online | 2024 – Present

- Studying HTML, CSS, PHP, JavaScript, MySQL, and network fundamentals.
- Following a 6-month roadmap to integrate software engineering with network engineering.

ITB-Ruhengeri — Secondary School Diploma in Networking
Musanze, Rwanda | 2019

- Specialized in networking fundamentals, hardware setup, and network troubleshooting.

PROJECTS

Online Observation System for Shoe Sales

- Role-based dashboards for customers, admins, and managers.
- Tracks purchases, payments, and customer behavior in real time.

Database-Driven Order Management System

- PHP/MySQL application allowing CRUD operations for product management.

LANGUAGES

- Kinyarwanda — Native
- English — Proficient
- French — Basic