

Niyogisubizo Jeremie

Full-Stack Software Engineer · Mobile Developer · Technology Educator

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PROFILE

Full-Stack Software Engineer and Technology Educator with a strong foundation in Mathematics, Computer Science, software development and educational technology. Experienced in designing and developing responsive web applications, mobile applications, backend services, databases, dashboards and cloud-deployed solutions. Combines technical engineering with teaching experience, bringing strong analytical thinking, problem-solving, communication, mentoring and system-design capabilities to every project.

TECHNICAL SKILLS

FRONTEND

React · TypeScript · JavaScript (ES6+) · HTML5 & CSS3 · Tailwind CSS · Vite · UI/UX Design

BACKEND

Node.js · Express · REST API Design · JWT Authentication & Authorization · Email Service Integration

MOBILE

Flutter · Dart · React Native · Cross-Platform App Development

DATABASE

PostgreSQL · Supabase · Firebase · SQL · Database Design & Modelling

CLOUD & DEPLOYMENT

Vercel · Firebase Hosting · Cloud Computing · GitHub Actions (CI/CD) · Deployment Pipelines

DEVELOPMENT TOOLS

Git & GitHub · VS Code · API Testing Tools · Debugging & Profiling · Source Control

ENGINEERING & OTHER

Application Development · System Design · Problem Solving · Analytical Skills · Networking & Telecommunications

EMERGING TECHNOLOGY

Smart Contracts · Decentralised Applications (DApps) · Blockchain Technology · AI Career Essentials · Automation

EDUCATION & PROFESSIONAL

Teaching & Mentoring · Curriculum Development · Educational Technology · Communication · Team Leadership

EXPERIENCE

Full-Stack Developer & Web Designer — Freelance, Rwanda 2022 – Present

Designing and developing responsive websites, web applications, mobile apps, backend services, databases and dashboards end to end — covering UI/UX design, frontend and backend development, API integration, and cloud deployment for clients across education, health, business and digital services.

Full-Stack Developer — Freelance, Rwanda 2024 – Present

Developed all featured projects end to end — Educational Bridge (REB e-learning platform), My Health My Friend (health education app), StockWise School (food stock management for GS NKUBI), CV Template (resume builder) and Jeremie Chat (real-time university chat app) — covering design, frontend, backend, database and cloud deployment for each.

Mathematics & Computer Science Teacher — Rwanda 2023 – Present

Teaching Mathematics and Computer Science to secondary school students. Preparing structured lessons, exercises, assessments and practical learning activities, explaining complex concepts in clear and accessible ways, and developing students' logical reasoning, computational thinking and problem-solving abilities while integrating technology into teaching and supporting students with different learning needs.

Teaching Assistant — G.S Musebeya JAN 2022 – JAN 2023

Supported teachers in preparing and delivering classroom activities, assisted students with Mathematics and Computer Science learning, provided additional explanations and practical examples for difficult concepts, and supported classroom management and student engagement.

EDUCATION

BA Mathematics & Computer Science with Education MAY 2023 – JULY 2027

University of Rwanda — College of Education, Kayonza

Areas of study: Mathematics · Computer Science · Application Development · Programming · Database Systems · Networking & Telecommunications · Human-Centred Design · Problem Solving with Software · Educational Technology · Blockchain Technology.

CERTIFICATIONS

- AI Career Essentials (AiCE) — ALX Rwanda
- Virtual Assistant — ALX Rwanda
- AI Professional — ALX Rwanda
- Certified Backend Web Development (JavaScript, Node.js & Express) — Google
- Digital Competency Passport for Employment — University of Rwanda
- Teacher's Wellness — Digital Skills Foundation
- Certified ALU English Proficiency — African Leadership University
- HSK 3 Chinese — University of Rwanda Chinese Class
- IVLST Pre-Service Teacher Training — Completed February 2026

SELECTED PROJECTS

Educational_Bridge Visit it: educationbridge.vercel.app/

A bridge between students and Rwanda's REB e-learning content

My Health My Friend Visit it: myhealthmyfriend.vercel.app/

Health education your friend — clear, accessible and always with you

StockWise School Visit it: stock-wise-school.vercel.app/

Food stock management for GS NKUBI school

CV Template Visit it: jecvtemplate.vercel.app/

Professional CV builder for modern job seekers

Jeremie Chat

Real-time mobile chat for university conversations

LANGUAGES

Kinyarwanda (Native) · English (Advanced) · French (Beginner) · Chinese (HSK 3)