

Magnifique NIRAGIRE

Full-Stack Developer | Software Engineer

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Full-Stack Developer and Computer Engineering student at the University of Rwanda with hands-on experience designing, building and shipping production web and mobile applications for businesses, financial institutions and communities. Proficient in JavaScript/TypeScript, React, Next.js, Node.js, NestJS and Flutter, as well as Python, Django and machine learning, applied in building NutritionX AI, an AI-powered nutrition recommendation platform. Experienced in developing internal business systems with Google Apps Script that serve multiple clients, automating workflows across Google Workspace. Known for understanding business needs and turning ideas into scalable, secure and user-focused solutions.

EXPERIENCE

IT Specialist

July 2026 - Present

Aguka Financial | Irving, TX, USA - Remote

- Develop and maintain the company's management system and website.
- Administer domain-based business email accounts and user access.
- Strengthen the brand's social media presence through digital content.

Software Engineer

May 2025 - Present

Electrical Solution Company Ltd | Kigali, Rwanda - Hybrid

- Develop a construction site management system (sites, workers, payroll, inventory, progress) with 7+ role-based access levels.
- Modernise and maintain the company website.
- Strengthen the brand's social media presence through visual design.

UI/UX Design Lead & Security Analyst

December 2024 - July 2026

SABIG Microfinance | Kigali, Rwanda - Remote

- Led UI/UX design of internal systems, delivering user-centred interfaces and prototypes.
- Automated email workflows across Google Sheets and Google Workspace using Google Apps Script.
- Conducted security assessments to identify vulnerabilities and safeguard internal systems.

SELECTED PROJECTS

[MDCIS Platform](#)

Multi-tenant SaaS for loan collections and repayments with 15 role-based access levels and enterprise-grade security.

Technologies: Next.js, Node.js, TypeORM, Docker, Firebase

[Electrical Solution Site Management System](#)

Construction site management platform covering sites, workers, payroll, inventory and progress tracking, with 7+ role-based access levels.

Technologies: Next.js, Firebase

[NutritionX AI](#)

AI-powered nutrition platform that generates personalised meal plans, advice and recommendations for elderly care residents based on their health conditions and goals.

Technologies: Python, Machine Learning, React

Google Apps Script Business Systems

Built multiple internal systems for different clients, including the GDMS and HDMS attendance management systems, automating record-keeping and email workflows across Google Sheets, Gmail and Google Workspace.

Technologies: Google Apps Script, Google Sheets, Google Workspace

RapidSave

Digital health mobile app that helps users locate nearby medicines and pharmacies using geolocation.

Technologies: Flutter, Dart, Firebase, Node.js, Cloudinary

SKILLS

Languages	JavaScript, TypeScript, Python, Java, Dart, Google Apps Script
Frontend	React, Next.js, Tailwind CSS, React Native, Flutter, Java Swing
Backend	Node.js, Express.js, NestJS, Spring Boot, Java Servlet, Django
AI & Data	Machine Learning, Python, AI-powered recommendation systems
Databases	PostgreSQL, MySQL, MongoDB, Firebase
Tools	Git, GitHub, Docker, Vercel, AWS, Hostinger, Trello, Google Workspace
Design	Figma, Adobe Photoshop, Adobe Premiere Pro, UI/UX
Spoken Languages	Kinyarwanda (Fluent), English (Fluent), French (Good)

EDUCATION

Bachelor of Science in Computer Engineering 2023 - 2027 (Expected)
University of Rwanda, College of Science and Technology | Kigali, Rwanda

The Gym Intensive Programme - Web Development Trainee May 2025 - Present
The Gym | Kigali, Rwanda - Part-time

- Completed Phase 1 (May 2025 - October 2026) in JavaScript, TypeScript, Node.js, NestJS, Git and Agile; Phase 2 in progress.

CERTIFICATIONS

- CCNA 1, 2 & 3 - Cisco Networking Academy
- Cyber Security Essentials - Cisco Networking Academy
- Certificate of Completion, Intensive Programme (Phase 1) - The Gym, 2026
- Internet Society Training - Internet Society

AWARDS

ICP Hackathon - Winner, Blockchain & AI Category

REFERENCES

Dr. Eric Hitimana - Head of Department, Computer & Software Engineering, University of Rwanda
Ukulikiyeyesu Dieudonne - Lecturer, Computer Engineering, University of Rwanda
Eng. Caleb Byiringiro - CEO & Managing Director, Electrical Solution Company Ltd
George Kategaya - Programme Manager, The Gym

Contact information of references available upon request