

JUSTIN NIZEYUMUREMYI

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PROFESSIONAL PROFILE

Third-year Bachelor of Information Technology student at the University of Rwanda (Expected Graduation: 2027) with a strong foundation in software development, databases, artificial intelligence, and problem-solving. Experienced in academic and personal projects involving programming, web development, SQL databases, and AI prompt engineering. Recognized for leadership, teamwork, and the ability to transform ideas into structured, testable solutions.

EDUCATION

Bachelor of Science in Information Technology, University of Rwanda 2023 – Present
Year 3 of 4 · Expected Graduation: 2027

Mathematics, Computer Science & Economics (MCE), ES Kigoma 2019 – 2022

Ordinary Level Education, GS Nyarugenge 2016 – 2018

CERTIFICATIONS & ACHIEVEMENTS

Ethical Hacker, Cisco Networking Academy Jan 2026
Student-level credential for completing the Ethical Hacker course. Demonstrated proficiency in penetration testing methodology, vulnerability scanning, social engineering, network and application exploitation, cloud/mobile/IoT security, post-exploitation activities, and pentesting report writing.

AI Career Essentials, ALX Africa Aug 2026
Awarded upon successful completion of all course and assessment requirements.
Verify: <https://ehub.alxafrica.com/ob3/verify-certificate/775dc519-aae7-4ed2-9071-6c2cb5c3ef8c>

TECHNICAL SKILLS

- **Programming:** Python, Java, PHP, JavaScript, C#
- **Databases:** SQL Database Design and Queries
- **Mobile Development:** Flutter, Dart
- **Cybersecurity:** Ethical Hacking, Penetration Testing, Vulnerability Scanning, Social Engineering
- **Web Development:** HTML, CSS, Front-End Development
- **AI & Prompt Engineering:** Prompt Design, Workflow Integration
- **Tools:** GitHub, Microsoft Office Suite
- **Security Topics:** Network/App/Cloud/IoT Exploitation, Post-Exploitation, Pentest Reporting

PROJECTS

Portfolio website: <https://nmjustin-portfolio.lovable.app>

AI Prompting Portfolio, GitHub 2024 – Present

Created and tested prompt-engineering experiments, automation workflows, and AI-powered prototypes focused on improving productivity and decision-making.

Customer Segmentation Dashboard, Personal Project 2025

Built a full Next.js data analytics dashboard with interactive charts, KPI cards, demographic analysis, and customer segmentation visualisations using TypeScript and Recharts.

Web Development Coursework Project, University of Rwanda 2024

Designed and developed a responsive website using HTML, CSS, and JavaScript with SQL database integration for user data management.

Inventory Management System, Team Project 2024

Collaborated with a development team to build a Java-based inventory system featuring database integration and data management functionality.

TRANSFERABLE SKILLS

- Teamwork and Collaboration
- Communication and Presentation Skills
- Customer Interaction and Sales Orientation
- Leadership and Coordination
- Problem Solving and Critical Thinking

LANGUAGES

- **Kinyarwanda** — Native / Fluent
- **English** — Intermediate Working Proficiency

INTERESTS

Artificial Intelligence · Football · Dance · Travel · Personal Development · Technology Innovation · Reflection

REFEREES

Available upon request. Detailed referee contacts can be provided when required.