

ERIC TUYISHIME



Fulstack web developer, network Engineer & Telecommunications Specialist

Contact

Email: erictuyishime574@gmail.com

Phone: +250 783 687 408

Location: Kigali, Rwanda

Portfolio: [my portfolio](#)

GitHub: [Github](#)

Professional Summary

Results-driven Computer Science undergraduate with expertise in front-end development and telecommunications infrastructure. Combines strong technical acumen with problem-solving capabilities to deliver web applications and network solutions. Proven ability to adapt to emerging technologies while maintaining focus on user experience and system efficiency. Seeking to leverage my diverse skill set in a challenging role that drives technological advancement and business value.

Education

Bachelor of Computer Science

University of Rwanda

- Focused on Web Development, Software Engineering, Database Systems, and

Telecommunications Networks

Advanced Level Certificate

GS Saint Esprit Mushaka

- Mathematics, Economics, and Computer Science

Technical Expertise

Web Development: HTML5, CSS3, JavaScript (ES6+), React.js, Angular, Express.js, GraphQL

Programming: Python, C, C++, Java, Node.js

Database Management: MySQL, PostgreSQL, MongoDB

Cloud Platforms: AWS (S3, EC2), Google Cloud Platform, Microsoft Azure

DevOps Tools: Docker, Kubernetes, Git, GitHub, GitLab

Networking: Cisco Packet Tracer, VLAN Configuration, OSPF, EIGRP, RIP, BGP

AI & Machine Learning: TensorFlow, Keras, PyTorch, Scikit-learn

Operating Systems: Windows, Linux (Ubuntu), macOS

Security: Penetration Testing, Vulnerability Assessments

Professional Experience

Telecommunications Specialist (Intern)

Havilah Engineering Group, Kigali

August 2022 - Present

- Engineered and optimized radio link systems, increasing signal reliability by 28%
- Implemented network security protocols, conducted vulnerability assessments
- Collaborated with cross-functional teams to enhance connectivity
- Facilitated knowledge transfer sessions on network troubleshooting

Key Projects

Full-Stack Web Application Development

- Developed a web app using Python, Flask, React.js
- Integrated APIs and databases, added user authentication and data encryption
- Enhanced UX with GSAP and Framer Motion

Data Analysis & Machine Learning

- Built predictive models with Scikit-learn and TensorFlow
- Created visualization dashboards and automated workflows reducing manual work by 65%

Network Infrastructure Design

- Designed and simulated networks in Cisco Packet Tracer

- Configured routing protocols and VLANs with robust security
- Conducted testing and documentation

Certifications

Web Development & Design

- Advanced JavaScript Techniques Certification
- Responsive Web Design Certification
- Progressive Web Apps Development

Network & System Security

- Electrical Safety Management Certification
- Fall Protection Systems and Equipment Training
- Certified Electrical Safety Compliance Specialist

Languages

English: Fluent

French: Proficient

Kinyarwanda: Native

Swahili: Basic

Professional Attributes

- Analytical problem-solver with attention to detail
- Strong communicator, skilled in translating technical concepts
- Self-motivated learner exploring emerging technologies
- Effective team collaborator and project manager
- Resilient under pressure with excellent time management skills

References available upon request