

BARIHUJE Jean Aimé

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Location: Kigali, Kicukiro, Rwanda

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PROFESSIONAL SUMMARY

Industrial Information Technology graduate with a strong foundation in network security, cybersecurity principles, IT infrastructure, and system administration. A motivated and reliable technical professional with proven problem-solving, communication, and analytical skills. Experienced in network automation, cloud security, penetration testing (foundational), cybersecurity risk assessment, and secure web development. Seeking a **Network Security Engineer / Cybersecurity Engineer or IT Systems & Web Development** role where I can contribute to securing, optimizing, and maintaining modern digital systems.

PERSONAL DETAILS

- **Full Name:** BARIHUJE Jean Aimé
 - **Date of Birth:** February 17, 2000
 - **Place of Birth:** Janja, Gakenke
 - **Nationality:** Rwandan
 - **Gender:** Male
 - **Marital Status:** Unmarried
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EDUCATION

A0 – Industrial Information Technology

INES-RUHENERI, Musanze

Mar 2022 – Aug 2024

Enthusiastic and dedicated entry-level Industrial Information Technology professional with a solid academic foundation in IT systems and industrial technology. Gained hands-on experience in hardware and software configuration, system maintenance, network security, and first-line IT support. Developed strong troubleshooting, documentation, data analysis, and collaboration skills, with a proactive attitude toward continuous learning and innovation.

A2 - Software Development

BULINGA TVET School, Muhanga

Jan 2018 - Jul 2021

Developed strong skills in software development, programming fundamentals, debugging, and testing. Experienced in both frontend and backend concepts, translating user requirements into functional software solutions. Built a strong foundation in web development, graphic design basics, teamwork, and project delivery.

O-Level Certificate

Saint Jerome Janja, Gakenke

Jan 2015 - Oct 2017

Graduated with strong academic performance, demonstrating consistency, discipline, and a solid foundation in core subjects.

Primary Leaving Certificate

APAX Janja, Gakenke

Jan 2008 - Oct 2013

Achieved strong academic results, building an early foundation for continuous learning and technical growth.

INTERNSHIPS

Network Analyst Intern

Brand Technology Ltd, Musanze

May 2024 - Jul 2024 - Assisted in network configuration and cybersecurity audits. - Performed foundational penetration testing and vulnerability assessments. - Supported network automation and performance optimization across client sites. - Worked with Wi-Fi security, encryption protocols, and risk assessment techniques.

IT & Web Development Intern

Iwacu Recovery Centre, Kigali

Jul 2019 - Jul 2021 - Provided computer hardware and software maintenance. - Assisted in network configuration and troubleshooting. - Supported internal web development and IT support tasks.

Hardware Maintenance Intern

INES Ruhengeri, Musanze

Jun 2018 - Aug 2018 - Diagnosed and repaired hardware issues. - Applied preventive maintenance techniques to improve system reliability.

PROFESSIONAL EXPERIENCE

IT Support Officer

Iwacu Recovery Centre, Musanze

Jul 2019 - Aug 2024 - Maintained, secured, and monitored network infrastructure. - Identified and resolved security vulnerabilities. - Delivered IT support and system administration services. - Implemented firewalls, antivirus solutions, and intrusion detection systems. - Managed backups, data recovery, and system updates. - Conducted cybersecurity awareness training for staff. - Managed cloud services, access controls, and IT documentation.

Web Developer

Primates Africa, Musanze

Nov 2023 - Mar 2024 - Designed, developed, and maintained secure web applications. - Ensured data privacy and basic security compliance. - Assisted with network troubleshooting and security patch implementation. - Improved website performance and user experience.

CERTIFICATIONS

- **AI Ethics** – 2024
 - **Introduction to Artificial Intelligence** – 2024
 - **Machine Learning & Deep Learning** – 2024
 - **Mastering the Art of Prompting** – 2024
 - **Natural Language Processing & Computer Vision** – 2024
 - **Run AI Models with IBM Watson Studio** – 2024
 - **Your Future in AI: The Job Landscape** – 2024
 - **ALX Professional Foundations** – 2024
 - **Rwanda Technical Education Certificate (TVET Level V – Software Development)** – 2022
 - **Best Male Basketball Player Award** – 2021
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SKILLS

Network & Cybersecurity

- Network Security & Cybersecurity Principles

- Network Automation & Cloud Security
- Firewalls, IDS/IPS & Antivirus Systems
- Penetration Testing (Foundational)
- Incident Response & Risk Management
- Data Encryption & Security Protocols

Web Development & Programming

- Web Development (React.js, Node.js, Next.js)
- Backend Development & Databases (PostgreSQL, MySQL)
- Programming & Scripting
- Secure Web Application Development

Systems & IT Support

- System Administration (Windows & Linux)
- IT Support & Infrastructure Management
- Computer Hardware & Software Maintenance
- Cloud Management & Access Control

AI, Robotics & Emerging Technologies

- Artificial Intelligence Fundamentals
- Machine Learning & Deep Learning (Foundational)
- Natural Language Processing & Computer Vision
- Robotics & Automation Exposure

Professional Skills

- Problem Solving & Analytical Thinking
- Technical Documentation
- Team Collaboration & Communication
- Adaptability & Continuous Learning
- Entrepreneurship & Business Awareness

LANGUAGES

- **English:** Fluent
- **Kinyarwanda:** Very Good
- **French:** Good

HOBBIES & INTERESTS

- Music
- Playing Basketball

- Watching Documentaries
 - Reading Books
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REFERENCES

Olivier NDEREYIMANA

SKOL, Kigali
Phone: 0782 472 459
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Christian IZERIMANA

SolidAfrica, Kigali
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Cynthia YANKURIJE

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