

THIERRY NIYOGISUBIZO

Software & Network Engineer



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SUMMARY

I'm a dynamic software engineer with skills in both software development and networking. I specialize in creating innovative software and improving networking systems to suit various needs. I work well in teams and communicate effectively. I'm always eager to learn and adapt to new technologies, which helps me contribute effectively to diverse projects requiring a deep understanding of software engineering and Networking technologies.

EDUCATION

Bachelor of Science in Computer Engineering | University of Rwanda | November 2019 – February 2024

In my Computer Engineering studies, I've learned a lot about different tech areas. I've explored hardware and software design, networking, system administration, and managing databases. I've had hands-on experience with projects and working in the industry, which has made me really excited about solving problems and coming up with new ideas in technology.

PROFESSIONAL EXPERIENCE

Backend Developer Intern | SOLVIT AFRICA, Rwanda | January 2023

- **Developed Dynamic Web Applications:** Utilized PHP to create dynamic and interactive web applications, including user authentication systems and content management systems (CMS)
- **Implemented MySQL Database Connectivity:** Employed PHP to connect to and interact with MySQL databases, handling tasks such as querying data, inserting/updating records, and managing database transactions securely.
- **Debugged and Troubleshooted Issues:** Debugged and troubleshooted PHP code to identify and resolve issues.

Network Engineer Intern | SALTEL TECHNOLOGIES, Rwanda | February 2023-April 2023

- **Cable Manufacturing:** Participated in the manufacturing process of cables used for various networking purposes.
- **Private Telephone Systems Installation:** Assisted in the installation and setup of private telephone systems for clients, ensuring seamless communication within their organizations.
- **LAN Building:** Contributed to the setup and configuration of local area networks (LANs) for clients, including hardware installation, network topology design, and addressing schemes.
- **Network Devices Configuration:** Played a role in configuring network devices such as routers, switches, and access points to ensure optimal network performance and security.
- **CCTV Cameras Installations:** Assisted in the installation and setup of CCTV camera systems for surveillance purposes, ensuring proper placement, wiring, and configuration.
- **Computer Maintenance:** Participated in computer maintenance tasks, including hardware troubleshooting, software installation, and system optimization to ensure smooth operation of client systems.

Chief Cells Coordinator | Groupe Biblique Universtaire, Rwanda | April 2022-June 2023

- **Coordination of Cells:** Coordination encompassed organizing regular meetings, ensuring participation, aligning discussions with the goals set by the organization and motivating cell leaders to do their responsibilities.
- **Strategic Planning:** Strategic planning involved setting clear objectives for each session, devising study plans, and adapting approaches to accommodate diverse learning styles within the group.
- **Team Management:** Effectively managing the team entailed assigning reading tasks, facilitating discussions, and fostering an environment conducive to collaborative learning.
- **Support and Mentorship:** Providing support and mentorship to fellow members involved offering clarification on challenging concepts, providing additional resources, and encouraging active participation.
- **Problem Solving:** Addressing challenges within the group necessitated adapting study methods, resolving conflicts, and providing individualized support where needed to maintain group cohesion and progress.
- **Reporting the Cells progress** to other Executive committee members.

SKILLS

TECHNICAL SKILLS:

- **Programming Languages:** JavaScript, Java, PHP, C, C++
- **Web Development Technologies:** HTML, CSS, Bootstrap
- **Frontend Frameworks:** React, React Native
- **Database Management:** ThingsPeak, MySQL, Firebase, MongoDB
- **Containerization Technologies:** Docker, Kubernetes
- **Backend Frameworks:** Laravel, PHP
- **Version Control:** Git/ Github/Gitlab
- **Testing:** jUnit, RestAssured, Apache Jmeter

OTHER SKILLS: System administration, Blender Graphics design, Networking, Cryptography

SOFT SKILLS: Problem solving, Communication, Documentation, Leadership and Administration, Adptability, Public Speaking and Negotiation skilss

PROJECTS & CERTIFICATIONS

Certificates:

- IT Essentials|[CISCO](#)|2021

Projects:

- UR Digital Restaurants|[LINK](#)|2021
- Patnizo Hotels|[LINK](#)|2022
- PHPChallenges|[SOLVIT AFRICA](#)|[LINK](#)|

INTERESTS

- **Reading Books:** I enjoy to read Christian books, Leadership books and other books concerning interpersonal life
- **Research:** I enjoy Discovery which makes me like to know more about new Trending Technologies
- **Entertainment:** I love to watch and pray football and also discovering more about Nature

LANGUAGES

- **English,** Professional proficiency
- **Kinyarwanda,** Native proficiency

REFERENCES

Mr. NGARUKIYIMANA SOSTENE | Software Engineer | Fuelcapp, Gauteng, South Africa

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Mr. NSHAYIJA FRED | President, Kigali Region | Groupe Biblique Universtaire(GBU)

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Mr. HABIYAMBERE JEAN DE DIEU | Private Commissioner | Rwanda Revenue Authority

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