**DANIEL NSENGIMANA**

**SITE RELIABILITY ENGINEER**

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**Dannyharley4@gmail.com · LinkedIn Profile · GitHub · Website**

Multi-talented SRE engineer with more than 3 years of experience in system engineering, software engineering, and the AWS (Amazon Web Service) cloud. Highly capable of working with diverse types of technologies. Strong verbal and written communication. Bilingual: English/French. As an SRE engineer, by leveraging APM and automating the incident management process, I have helped my company improve from a 94% to 99.5% uptime in less than six months. Also, a lead for AWS User Group Kigali currently striving to facilitate and lead a community of individuals who are interested in Amazon Web Services (AWS) and its related technologies.

**PROFESSIONAL EXPERIENCE**

**SEP 2022– PRESENT**

**SITE RELIABILITY ENGINEER,** IREMBO

As Irembo Site Reliability Engineer (SRE), I mainly work on creating automation scripts that manages our IT operations. My main goal is to automate these tasks rather than doing them manually. This is done through:

• Monitoring, where I must ensure that the tools and systems operate as planned and that the underlying infrastructure is functioning properly.

• Issue resolution where I must communicate closely with developers, especially when problems arise, and they will offer advice when alarms are sent as well as assistance with troubleshooting. If a developer has a difficulty, I must investigate the situation before figuring out how to fix it. Then revisit the problem and identify the source after the incident has been resolved to make sure it does not happen again.

• Collaboration. As Irembo SRE, I also collaborate with several teams, mostly customer experience team, TechOps team, and software development team. For Development teams, as SRE I build dependable systems that help them focus on developing new features rather than worry about the underlying infrastructure where their codes will be hosted, this enables them to release to customers more quickly.

• Plan maintenance tasks like stress tests, disaster recovery evaluations, and certificate renewals.

**JAN 2022– AUG 2022**

**NETWORK DESIGN ENGINEER,** WE-MEP CONSULTANCY

• Designed highly available and fault tolerant computer networks for large and small clients using computer-aided design (CAD) software.

• Worked alongside architects, electrical engineers, and plumbing engineers to design complex architecture drawings which meet national and international standards.

• Documenting the design, test its redundancy and provide primary backup should the network fail.

• Supervising the configuration and installation of various network devices and services as stated in the designed architecture drawing.

• Schedule and handle periodic maintenance on installed network equipment, components, and installation services to clients (should it be required).

**JAN 2021 – JUL 2021**

**BACKEND ENGINEER,** SNOW MEDIA TECHNOLOGIES

• Worked as a backend developer and created web apps for different clients. • I used tools like Pivotal Tracker and GitHub to collaborate with different developers and deliver the best customer product.

• Used Python-Django and React-JS to create dynamic web apps.

• Provided customers with recommendations for continuous improvement.

• Worked closely with other team members to identify and remove software bugs.

**JUL 2019 – OCT 2019**

**NETWORK ENGINEER,** RWANDA BROADCASTING AGENCY(RBA)

• Worked as a network engineer in the RBA (Rwanda Broadcasting Agency) server room.

• Oversaw the diagnosing and troubleshooting of network problems in the RBA Network.

• Worked on the monitoring of the RBA network performance

**EDUCATION**

**JAN 2023 – MAR 2023**

**GOOGLE AFRICA DEVELOPER TRAINING PROGRAM,** GOOGLE DEVELOPERS

**JAN 2022 – APR 2022**

**AWS CERTIFIED SOLUTIONS ARCHITECT,** AZUBI AFRICA- LEVEL 2 PROGRAM

**AUG 2021 – DEC 2019**

**AWS CERTIFIED CLOUD PRACTITIONER,** AZUBI AFRICA – AWS RESTART PROGRAM

**SEP 2016 – JUN 2020**

**BACHELOR'S OF SCIENCE (TELECOMMUNICATION ENGINEERING),** UNIVERSITY OF RWANDA – COLLEGE OF SCIENCE AND TECHNOLOGY

**SKILLS**

• Linux, Docker, Kubernetes, Terraform

• Cloud Computing (AWS Cloud, GCP)

• Python

• New relic, Zabbix, PagerDuty

• Communication, Teamwork, and Multitasking

**LANGUAGES**

• English (Expert)

• French (Conversational)

• Kinyarwanda (Native)

**AWARDS**

• 2020 best undergraduate final year project (Creation of a graphical user interface for a Can Sized Satellite using the Python Tkinter framework).

• 2015 first place in Savoirs-Plus competition.

• 2014 second place in Regional High School Math Fair.

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