

Elton Simiyu

Computer Scientist

Contact Information

Email: eltonsimiyu99@gmail.com

Phone: +254745664742

Date of Birth: 27/06/1999

Nationality: Kenyan

LinkedIn: [linkedin.com/in/elton-simiyu-kenya](https://www.linkedin.com/in/elton-simiyu-kenya)

GitHub: github.com/eltonsimiyu

Professional Summary

Innovative and detail-oriented Computer Scientist with extensive experience in database administration, system development, and technical support. Proficient in designing, deploying, and maintaining robust IT systems. Skilled in leveraging modern technologies and tools to drive business success, with a focus on problemsolving and delivering user-centric solutions.

Key Skills

Programming Languages: Python (Django), JavaScript (React.js, Node.js)

Database Administration: MySQL

System Development: API design, full-stack development, and Docker-based deployment

System Support: Troubleshooting, networking, and IT infrastructure maintenance

Tools & Frameworks: Next.js, Bootstrap, Git/GitHub, Postman

Soft Skills: Strong analytical skills, effective communication, and teamwork

Professional Experience

IT Technician – Nairobi West Hospital

(February 2024 – Present)

Configured and maintained IP phones and Cisco switches including VLAN segmentation.

Installed and managed CCTV and NVR surveillance systems.

Implemented and supported biometric systems for access control.

Provided comprehensive IT support, including domain joining and group policy management.

Set up and maintained hospital intranet and networking infrastructure.

Developed internal web applications and updated existing systems using Python and Django.

Delivered technical support for hospital staff, resolving hardware and software issues.

Data Administrator

Social Protection (Sirisia)

April 2024 – July 2024

Performed data entry, validation, and visualization to ensure data integrity.

Provided ICT staff support upon request.

Supervised data entry officers to maintain high standards of accuracy.

ICT Assistant

Digital Marketers, Nairobi

March 2023 – February 2024

Maintained and optimized calling systems for efficiency.

Ensured all systems were networked to a central server and provided ongoing technical support.

Prepared analytical reports using Excel for employee performance and organizational planning.

Data Analyst

CIHEB Kenya

February 2023 – March 2023

Conducted data validation, cleaning, and visualization for healthcare projects.

Health IT Intern

University of Nairobi Express Service (UNES)

January 2022 – January 2023

Managed and supported KENYAEMR+ systems in multiple counties.

Installed Linux servers and networked facilities to enhance system connectivity.

Provided IT support, including hardware repairs and staff training, at Migori County Referral Hospital.

ICT Support

Kenya School of Law

August 2021 – November 2021

Monitored online classes and supported students and lecturers via Microsoft Teams.

Updated the school's website, e-learning platform, and online library.

Delivered technical support for audio-visual services in conference facilities.

Education

ALX – Software Engineering

August 2023 – August 2024

Comprehensive training in full-stack software development, including front-end and back-end technologies.

Bachelor of Science in Computer Science

Rongo University, Migori, Kenya

August 2017 – December 2021

A.C. Butonge High School – KCSE

February 2013 – December 2016

References

Dr. Nixon Amuomo

Health-IT CPU Lead

Tel: +254724484257

Email: healthit@rongovarsity.ac.ke

Mr. Kennedy Dende

Senior ICT Officer, Kenya School of Law

Tel: +254727929685

Email: kdende@ksl.ac.ke

Mr. Fred Oketch

Senior ICT Officer, Digital Marketers

Tel: +254707751519

Email: fredoketch6@gmail.com

Mr. Jeremiah Mwenda

IT Manager, Nairobi West Hospital

Tel: +254726976586

Email: mwenda@nairobiwesthospital.com