

Sebby Wekesa Sikuku

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SUMMARY

Motivated and adaptable Computer Science graduate with hands-on IT experience in support, networking, and software development. Strong problem-solving skills with a focus on delivering efficient technical solutions. Adept at troubleshooting, system maintenance, and collaborating in team environments.

EDUCATION

Bachelor of science, Computer science(Gretsa University, Thika)

May 2018 – December 2023

- ✓ Graduated with Second class Honors (L.D)
- ✓ Relevant coursework:
 - ❖ Software Development: Data Structures & Algorithms, Object-Oriented Programming
 - ❖ Systems/Security: Computer Networks, Database Management, Cybersecurity Fundamentals.
 - ❖ Applied Technologies: Web Development (HTML/CSS/JavaScript), Machine Learning.

PROFESSIONAL EXPERIENCE

IT Support Technician

February 2024- April 2024

Riannah wholesalers

Eastleigh,NairobiCounty.

- ✓ Spearheaded the installation and updates of a proprietary shop management system, reducing manual errors by 30%.
- ✓ Repaired network cables, configured secure Wi-Fi, and resolved connectivity problems.
- ✓ Managed customer feedback and prioritized system improvements.
- ✓ Monitored network performance, resolving bandwidth

ICT Attaché/Consultant

January 2023- April 2023

Civil Registrations Services.

Kitale, Trans-nzoia county.

- ✓ Database & System Administration:
 - ❖ Managed SQL-based databases for birth/death certificate records, ensuring 99% data accuracy.
 - ❖ Automated software updates across 15+ departmental computers using PowerShell scripts.
- ✓ Network Troubleshooting:
 - ❖ Configured Cisco switches/routers and resolved IP conflicts, improving LAN stability.
 - ❖ Migrated a wired office network to wireless infrastructure, enhancing mobility for staff.
- ✓ Process Improvement:
 - ❖ Trained 10+ staff on digital registration tools, cutting processing time by 25%.

PROJECTS

Website Portfolio.

[view project](#)

- ✓ Designed a responsive website(HTML5, CSS3, JavaScript) to showcase projects and professional achievements.
- ✓ Implemented Git version control for continuous updates and maintenance.

Consumer buying behavior's using machine learning

- ✓ Developed a predictive model using Apriori algorithm(Python) to identify purchasing trends from retail datasets.
- ✓ Built a Flask-based web interface(HTML/CSS) for visualizing insights, achieving 75% accuracy in test scenarios.
- ✓ Tools: Pandas, Scikit-learn, Matplotlib, NumPy.

CERTIFICATION

Technical Skills And Certification

- ✓ Programming and web development: Python, JavaScript, Java, SQL, HTML/CSS, Flask, REST APIs
- ✓ Networking: Cisco CLI, TCP/IP, Wireless Configurations.
- ✓ Tools: Git, Linux CLI, Microsoft Office, Wireshark.

Certifications:

- ✓ Cisco Networking Academy: Python Programming, Data Analytics.
- ✓ Sololearn: Machine Learning, Data Structures (Python), Data Science.