CALVIN RUMBA MBUI

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EDUCATION

B.S. in Applied Computer Science
Chuka University   2024
Specialized in Cyber Security

SKILLS

C, C++, Python, Java, PHP, SQL, MySQL, JavaScript, CSS, html, Git, React, Node.js, AWS, Linux

Computer Networks, Penetration testing

EXPERIENCE

ICT COUNTY CLERK
IEBC THARAKA NITHI COUNTY   **July 2022 - Sep 2022**

- Providing technical support and troubleshooting for electronic voting systems KEMS kit.
- Managing voter registration databases and ensuring data integrity.
- Implementing cybersecurity measures to protect election data.
- Offering on-site ICT support on election day.
- Documenting technical issues and preparing ICT operation reports.

NETWORK TECHNICAL INTERN
RAHA INTERNET COMPANY   **April 2023 - Sep 2023**

- Assisting in configuring and maintaining routers, switches, and network equipment.
- Providing technical support to customers with internet connectivity issues.
- Monitoring network performance and analyzing traffic data.
- Communicating with customers to resolve service-related inquiries.
- Implementing network security measures and conducting vulnerability assessments.
- Supporting network engineers in upgrade and expansion projects.

TEAM LEAD
CHUKA UNIVERSITY HACKATHON 2024   **Feb 2024 - April 2024**
To develope a middleware API to integrate KHIS and eCHIS databases, enabling permitted users to log in, verify, and transmit data securely.

- Leading the development of a middleware API integrating KHIS and eCHIS databases.
- Designing a user authentication system for permitted users to log in and verify data.
- Overseeing the verification process of data from eCHIS before transmission to KHIS.
- Coordinating team efforts and managing project timelines and deliverables.
- Conducting code reviews and troubleshooting technical issues.

PROJECTS

COURIER-HUB DESKTOP APP

- Developed a desktop application called Courier-Hub using Java, PHP, and SQL, allowing users to send and receive parcels from home, addressing the inconvenience of frequent trips to the post office.