

Victor A. Kabugumila

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PROFESSIONAL SUMMARY

Computer Engineering major with hands-on experience in software development, system analysis, and networking. Skilled in building and testing web applications, working with REST APIs, and solving real-world technical problems. Passionate about leveraging technology to deliver efficient and scalable solutions, with a strong interest in digital transformation across East African markets.

WORK EXPERIENCE

Software Developer Intern

Dar es Salaam

District Health Information Software 2 (DHIS2)

July 2025 – Sept 2025

- Contributed to the development of a SQL Views Visualizer application to improve data analysis and reporting for health information systems.
- Assisted in testing and debugging application features, identifying issues and supporting resolution processes across the development team.
- Worked with REST APIs using Postman to validate data flow and ensure system integrations functioned correctly across third-party connections.
- Collaborated with team members to enhance system performance and usability, demonstrating adaptability and a proactive approach to problem-solving.
- Participated in software development tasks using JavaScript and Dart, contributing to stable and reliable feature releases.

Assistant System Administrator Intern

Dar es Salaam

University of Dar es Salaam (Directorate of Research and Publication)

July 2024 – Sept 2024

- Supported configuration and troubleshooting of LAN networks and device connectivity across the university research department.
- Diagnosed and resolved system and network issues to ensure continuous operations, demonstrating ability to manage technical complexity under pressure.
- Monitored network traffic using Wireshark for basic analysis and reporting; communicated findings clearly to senior IT staff.
- Assisted in system maintenance and provided technical support to staff, building strong communication and relationship skills in a professional environment.

EDUCATION

Bachelor of Science in Computer Engineering	University of Dar es Salaam (UDSM) Ongoing
Advanced Certificate of Secondary Education (PCM)	Mzumbe Secondary School Morogoro
Certificate of Secondary Education	Kanyigo Secondary School Kagera

SKILLS

Technical Skills: Python, Django, REST APIs, SQL, JavaScript, React, Git & GitHub, Basic Networking, Microsoft Office

Core Competencies: Problem Solving, Analytical Thinking, Communication, Teamwork, Attention to Detail, Adaptability

INTERESTS

Digital Transformation, Fintech Systems, Software Development, Cloud Computing & Emerging Technologies

CERTIFICATIONS

- Certificate of Acknowledgement – SQL Views Visualizer Application (UDSM DHIS2 Lab)

REFEREE

Mr. Ibrahim Wickama

Senior Developer, DHIS2 Lab

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