

SAUTU STEVEN

SOFTWARE DEVELOPER

I am a motivated and enthusiastic individual with a solid background in Information and Communication Technology (ICT) and a strong passion for Software Development and Systems Engineering. Currently in my fourth year of the Bachelor of ICT with Education program at Chalimbana University, I am keen to discover innovative solutions that make a significant global impact. My goal is to utilize my skills in software development and systems engineering to develop robust and scalable solutions that enhance educational methodologies and strengthen digital security. With a focus on creativity, innovation, and inclusivity, I am prepared to contribute to an organization that prioritizes excellence and embraces new technological challenges on an international scale.

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EXPRIENCE

Ministry of Local Government and Rural Development

IT Intern

Lusaka, Zambia

January 2025 – March 2025

Worked as an IT Intern in the Department of Information Technology, where I provided technical support, maintained computer systems and networks, and assisted in the development of internal tools and systems. Contributed to user training, software troubleshooting, and documentation. Gained hands-on experience in system administration, hardware maintenance, and user support within a government environment.

<https://www.mlgrd.gov.zm>

Chalimbana University – Information and Communication Technology Association of Zambia

Secretary General

Chalimbana University, Zambia

2023 – 2025

Served as Secretary General, leading project management, event coordination, and organizational duties. Oversaw student-led ICT projects, workshops, and outreach programs. Managed meetings, documentation, and communication, supporting the association's goal of promoting innovation and professional growth in ICT.

<https://ictaz.chau.ac.zm>

African Vision of Hope

ICT Teacher

Chongwe, Zambia

January 2024 to March 2024

Played a key role in advancing technology education and infrastructure. Developed and maintained digital learning platforms, ensured smooth IT operations in the classroom, and provided technical support to students and staff. Implemented technology-based teaching solutions to enhance learning and communication. Collaborated with school administration to improve digital presence and ensure secure, efficient system operation.

<https://africanvisionofhope.org>

EDUCATION

Chalimbana University

Bachelor of ICT with Education

2021 - 2025

Siavonga STEM School Secondary

Grade 12

School Certificate

2017 - 2019

RELEVANT COURSES

Bachelor of Information and Communication Technology with Education

- Digital Advanced Electronics and Microprocessors
- ICT Research Project and Report
- Java and Mobile Application Development
- Entrepreneurial Studies
- Project Management
- Data Structures and Algorithms
- Research and Operations
- Fundamentals of Information Security
- Database Management Systems
- eLearning and Digital Culture
- Computer Group Project
- Web Application Development
- Educational Psychology
- Fundamentals and Concepts of Computer Programming
- Basic Electronics
- Computer Networking Concepts and Administration
- ICT Teaching Methods
- Foundation Mathematics
- Academic Writing, Study and Communication Skills
- Management Information Systems
- Computer Hardware
- Computer Operating Systems
- Computer Application Packages

SKILLS

Software Developer

Experienced Software Developer proficient in full-stack development using JavaScript, Python, Java, and C++. Skilled in database management (MySQL, MariaDB), UI/UX design with Figma, and frameworks like React and Bootstrap, along with programming in Kotlin. Strong front-end (HTML, CSS3) and backend (PHP) expertise.



JavaScript, Python, Java, C++, MySQL, UI/UX Designer, Figma., kotlin, React, MariaDB, CSS3, PHP, HTML, Figma, Kotlin, Bootstrap

CERTIFICATIONS

Certificate of Recognition – Theme Interpretation

Information and Communications Technology Association of Zambia (ICTAZ)

April 2025

Recognized at the 16th ICTAZ AGM for outstanding interpretation of the theme “From Copper to Code,” highlighting AI's role in Zambia’s digital transformation and youth-driven innovation.

<https://ictaz.org.zm>

ICTAZ Student Membership Certificate

Information and Communications Technology Association of Zambia (ICTAZ)

March 2025

Renewed student membership with ICTAZ, reaffirming commitment to ethical standards, continued learning, and active participation in Zambia’s ICT professional community.

<https://ictaz.org.zm>

Certificate of Participation – AI & Robotics Competition

STEM Foundation

September, 2024

Participated in the AI and Robotics Competition organized by the STEM Foundation, showcasing practical knowledge in artificial intelligence, robotics design, and innovation-driven problem solving.

<https://stemzambia.org>

ICTAZ Student Membership Certificate

Information and Communications Technology Association of Zambia (ICTAZ)

March2023

Awarded student membership by ICTAZ, affirming commitment to professional growth and adherence to industry standards in Zambia’s ICT sector.

<https://ictaz.org.zm>

INTERESTS

Interests

Artificial Intelligence, Robotics, Software Development, UI/UX Design, Open Source, Digital Transformation, Public Speaking, Community Engagement, Tech for Social Good, EdTech, Innovation, Data Science, Smart Agriculture

PROJECTS

AgriVision

An AI-based plant health monitoring system that uses image recognition and drone technology to identify diseases and pests. The system also recommends local stores for farmers to purchase appropriate treatments, enhancing precision agriculture and crop management.

Zentra

A smart shopping trolley system designed for shopping malls that uses barcode scanning technology. As items are placed in the trolley, the system scans and displays the total amount along with the shopper's budget, enabling a seamless and budget-aware shopping experience

Voices and Signs

Created an inclusive application designed to assist hearing-impaired individuals by translating spoken language into sign language through visual representations.

Social Cash Transfer

A secure web-based system with fingerprint authentication to ensure beneficiaries receive social cash transfers directly, preventing fraud and unauthorized access.

School Monthly Return System

A digital platform for schools to submit monthly reports (e.g., enrollment, attendance, performance) to DEBS, replacing manual processes and improving efficiency and data accuracy.

VOLUNTEERING

Information and Communications Technology Association of Zambia (ICTAZ)

Volunteer
Avani Victoria Falls Resort - Livingstone
March 28th – April 2nd, 2025

Assisted with event coordination and support, contributing to the smooth running of the conference.

Tech Trend - TechXpo

Photographer and Social Media Coordinator
Mulungushi Conference Centre - Lusaka
2023 & 2024

Captured high-quality event photos and managed social media content to boost event visibility and engagement.

LANGUAGES

Languages

- English
- Tonga
- Bemba
- Nyanja

RELEVANT ACHIEVEMENTS

Theme Interpretation Recognition – ICTAZ 16th AGM
Honored for outstanding interpretation of the theme “From Copper to Code”, showcasing how AI can drive Zambia's digital transformation.

Secretary General – CHAU-ICTAZ Student Association (2023–2025)
Successfully led tech initiatives and student engagement under the Chalimbana University ICTAZ Chapter.

Participant – AI & Robotics Competition
Represented in the national AI and Robotics competition organized by the STEM Foundation, showcasing innovation in artificial intelligence and robotics solutions.

Champion – Student Chapter Project Competition
CHAU-ICTAZ Student Chapter won the project competition among universities at the 14th ICTAZ Annual General Meeting (AGM), recognized for outstanding innovation and teamwork.

REFERENCES

- Dr. Sinyangwe +260 976126775
ICT Association of Zambia - President
- Mr. Silavwe Chella - +260 968 372 929
Chief Executive Officer & Registrar - ICT Association of Zambia (ICTAZ)
- Mr. Zulu E - +260 977624075
Chalimbana University - ICT Head of Department
- Ms Chimpala Sandy +260 977929204
C.E.O Tech Trends