

David Seme Luvai
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[GitHub](#) [Email](#) [LinkedIn](#) [Portfolio](#)

PROFESSIONAL EXPERIENCE

LociAfrica

October 2023 - Present

Software Developer:

- I have been actively contributing to our projects, leveraging my skills in Microsoft Dynamics NAV (now Microsoft Dynamics 365 Business Central), Jupyter Notebook, PostgreSQL, Microsoft Power BI, and Python to drive data analysis and decision-making processes.
- My role also involves conducting exploratory data analysis and applying decision sciences to address complex challenges.
- **Technologies:** Microsoft Dynamics NAV (now Microsoft Dynamics 365 Business Central), Jupyter Notebook, PostgreSQL, Microsoft Power BI, and Python to drive data analysis and decision-making processes

ChezaStemEd

September 2023 - Present

Part-Time Robotics Instructor:

- As a part-time Robotics Instructor at ChezaStemEd, I delivered robotics education to a diverse student body, facilitating hands-on learning experiences. My role encompasses instructing robotics concepts, programming languages, and robot building techniques. I tailored instruction to different age groups and skill levels, fostering problem-solving skills and creativity. My adaptable approach ensured that all students could grasp technical concepts effectively.
- **Technologies:** Scratch, Python

ByteCity Inc. *Months)*

May 2022 - August 2022 (3

Junior Software Engineer Intern:

- Collaborated with a team of developers to design and implement web applications using Python, Django, HTML, CSS, and JavaScript. Assisted in database design and development, as well as testing and debugging of software applications. Gained hands-on experience with version control using Git and participated in Agile software development methodologies.

Technologies: Python, Django, Tailwind CSS, JavaScript, HTML, CSS3, GitHub actions, Docker

PASSION PROJECTS

Python-Automated--Analysis--sales-system

- I developed a Sales Analysis System using Python, which allowed for efficient management and analysis of sales data from customer transactions. This system incorporated features for loading data from CSV files, adding new customers and transactions, performing monthly sales analysis, and visualizing data through line graphs. My responsibilities included designing and implementing the system, ensuring seamless data integration, and delivering user-friendly functionality. The Sales Analysis System showcased my proficiency in software development, data analysis, and problem-solving, highlighting my ability to create practical solutions to complex business challenges.

Hotel Chatbot

- Developed a hotel chatbot using Python and natural language processing (NLP) techniques, allowing guests to inquire about room availability, and receive personalized recommendations. Utilised NLP libraries such as NLTK to provide accurate and context-aware responses.

Ghost Hunter Game

- This is a Ghost hunter game I developed using JavaScript

Ndinya Feeds website

- This is a livestock and poultry feeds website

JCC gateway church

- This is a church website demo using HTML, CSS and JavaScript

YouTube Video and Audio Downloader

- This versatile application empowers users to effortlessly save their favourite content with just a few clicks, offering high-quality downloads in various formats.

Hotel System

- Implemented a secure authentication system within the hotel management system I developed, ensuring authorized access for different user role.
- Integrated third-party APIs, such as payment gateways into the hotel management system, streamlining the reservation process and ensuring secure and reliable transactions.

COMMUNITY

1. Google Developers Group
2. Andela Learning Community
3. Lux Tech Academy
- 4.

Soft skills

Strong communication, resourcefulness, initiative, keenness to learn, and desire to work

EDUCATION

The Co-operative University of Kenya:

- ***Bachelor of Science in Computer Science - September 2019-2023***

Vihiga High School:

- ***K.C.S.E - January 2015 – November 2018***

Hambale Primary School:

- ***K.C.P.E -January 2006 - November 2014***

WORK-LIFE BALANCE

Technical Interests: Web Assemble, Open Source, Hackathons, Meetups, Technical reading

Interests: Photography, Videography, Investments, Blockchain, Formula 1, Cookouts, Basketball

REFEREE

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