

# THALITHA SAMBO, BSc

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## Professional Profile

Certified software engineer with proficient in HTML, CSS, JavaScript, Python, React, Flask, and SQL. Possess strong foundation in responsive design, database management, and version control. A fast learner with excellent problem-solving skills and a passion for developing innovative user-focused solutions. Excels in cross-functional collaboration and delivering software tailored to user needs.

## Educational Qualification

<b>Bachelor of Science in Mathematics &amp; Statistics</b>	2019
<i>University of Venda</i>	
<b>National Senior Certificate</b>	2013
<i>Khatisa High School</i>	

## Work Experience

### *Self-Employed / Private Tutor (Online) 2019 – Present*

- Developed tailored math lessons and instructional materials to address diverse learner challenges.
- Provided hands-on, problem-solving instruction to improve understanding of mathematical concepts.

### **Key Achievements:**

- **Customized Math Curriculum Development:** Designed personalized math lesson plans based on individual student needs and academic goals.
- **Virtual Tutoring Platform Adoption:** Utilized virtual teaching tools to deliver interactive online lessons, ensuring an engaging and effective learning experience.

### *Standard Profil Group / Purchasing Graduate Trainee (Cape Town) 2022 – 2023*

- Collaborated with suppliers, engineers, and internal teams to manage procurement processes and ensure smooth supply chain operations.

### **Key Achievements:**

- **SAP Implementation for Procurement:** Utilized SAP software to streamline purchase orders and track supplier payments efficiently across multiple departments.
- **Cost-Reduction Initiative:** Partnered with engineering teams to trial industrial tooling alternatives, achieving significant cost savings for the company.

### *Oasis Infobyte / Web Development Intern (Remote) Feb 2024 – Mar 2024*

- Developed responsive websites and user-friendly interfaces using modern web technologies.

#### **Key Achievements:**

- **Responsive Website Design:** Created a website layout with HTML and CSS, ensuring cross-platform compatibility and modern UI design principles.
- **Trend-Based Design Research:** Researched and implemented current design trends to improve site aesthetics and functionality.

### Professional Training

- Software Engineering Boot Camp – Stellenbosch University (Hype (HyperionDev), 2024
- SQL Course for Beginners:
- Learn using MySQL Database
- Python for Beginners:
- Introduction to Python Programming Tableau 2020 A-Z:
- Hands-on Tableau Training for Data Science Microsoft Power BI Desktop:
- Business Intelligence Training
- TEFL Certification

### Tools & Technologies

<b>Languages &amp; Frameworks</b>	HTML, CSS, JavaScript, Python, React, Flask
<b>Database Management</b>	SQL
<b>Version Control</b>	Git, GitHub
<b>Responsive Design</b>	Media queries, Bootstrap

### Awards & Honors

- Top-ranking graduate in the HyperionDev Software Engineering Boot Camp
- Developed a functional loan business website using HTML, CSS, and JavaScript

### References

*(Available Upon request)*