MARION SARU MAGHANGA | SOFTWARE

ENGINEERING STUDENT

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Portfolio | LinkedIn

PROFESSIONAL PROFILE

I'm an ambitious Software Engineering student at United States International University Africa pursuing a BSc in Software Engineering and a Backend Developer passionate about AI and Machine Learning. I specialize in Flask and have hands-on experience with Python, SQL, RESTful APIs, and ML tools like NumPy, Pandas, and scikit-learn. Additionally, I have some experience with Natural Language Processing using NLTK and continue to learn. I love building efficient, data-driven systems and creating intelligent solutions that enhance user experience. Driven by curiosity and clean code, I thrive in collaborative, fast-paced environments where innovation meets impact.

CORE SKILLS

- VANILLA JAVASCRIPT
- FLASK
- PYTHON
- JAVA
- SQL
- REACT
- RESTFUL APIs
- ARTIFICIAL INTELLIGENCE
- MACHINE LEARNING
- NLP

EDUCATION

- **Kenya Certificate of Primary Education** | Loreto Convent Mombasa | Jan 2008 - Nov 2018
- **Kenya Certificate of Secondary Education** | Moi Girls School Nairobi | Jan 2019 - Dec 2022
- **Software Engineering Certification** | Moringa School | Feb 2025 - Oct 2025
- **BSc Software Engineering** | United States International University | May 2023 | Currently

EXPERIENCE

May 2025 - Aug 2025	**Brook Center for the Deaf and Autistic Children, Zimmerman, Nairobi Community Service**

Description

This voluntary program allowed me to support destitute communities while gaining hands-on experience in teamwork and communication. I learned to interact with differently abled children based on their unique needs and witnessed their remarkable resilience. The experience was eye-opening and deeply fulfilling, strengthening my understanding of inclusive education, enhancing my communication skills through learning sign language, and deepening my compassion for children with special needs.

ADDITIONAL

Software
Linux, Microsoft Windows, VsCode, Google colab, Oracle, MySQL, Postgresql

Programming Languages
HTML, CSS, Javascript, Python, Java, SQL

Languages
English, Kiswahili, et un peu le Français

Certifications

- Moringa School Software Development certificate
- IBM Artificial Intelligence Fundamentals Certificate