



SABIRA SSEMATA

Full-Stack Developer | Entrepreneur | Digital Marketer | IoT & Smart Solutions Enthusiast

Profile

Self-driven entrepreneur passionate about technology, business, and innovation. Skilled in Web Development, Digital Marketing, and IoT Solutions with a vision to create smart systems and community-based solutions in Uganda and East Africa.



Work Experience

2024 – Present

ASEI-Uganda STEM Educator

- Teaching HTML, CSS, and IoT basics to young innovators in STEM programs.

2024 – Present

Aqualama by ASEI-Uganda Product Design Manager

- Running social media campaigns to raise awareness on clean water solutions.

2024 – Present

CELESTIAL HORIZONS, Bed & Breakfast Co-founder and Partnership Manager & Digital Marketer

- Managing partnerships with house owners to provide short-stay accommodations for travelers in Fort Portal.
- Developing digital marketing strategies to promote hospitality services.
- Creating online booking platforms to improve customer experience.

2024 – 2025

indEx software Tech LLC Location Data Organiser

- Organize names of places along with their location coordinates.

2024 – 2025

T&S Fashion

Marketing President

- Led marketing campaigns to boost brand visibility and customer engagement.
- Developed digital and offline strategies to increase sales and attract new clients.
- Managed partnerships and collaborations to expand the fashion brand's reach.



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<https://ssemata.github.io/myportfolio/>



Boma, Fort Portal City

Education

Self-taught software Engineer & Digital Entrepreneur

Certifications (freeCodeCamp):

- JavaScript Algorithms and Data Structures Certification
- Scientific Computing with Python Certification
- Python for Data Analysis Certification
- Data Analysis with Python Certification
- Responsive Web Design Certification

Expertise

Technology, Marketing, Data, Leadership

- Full-Stack Web Development (HTML, CSS, JavaScript, React, Python, Django)
- API Development & Backend Systems
- IoT Solutions (Arduino, Smart Traffic Systems, Sensor Integration)
- Digital Marketing Strategy & SEO
- Social Media Growth & Engagement
- Brand Development & Business Partnerships
- Data Analytics (Python, Pandas, NumPy)
- Scientific Computing
- AI & Machine Learning Fundamentals

Leadership & Training

- Marketing Leadership (Former Marketing President at T&S Fashion)
- STEM Education & Mentorship (Teaching coding & IoT at ASEI Uganda)
- Entrepreneurship & Business Strategy (Aqualama by ASEI & Celestial Horizons)