

Sydney Wamalwa

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[Github](#) · [Portfolio](#)

As a software engineer committed to making a difference through code, I channel my passion for technology into creating positive impact. With a dedication to continuous learning, I aim to leave a lasting mark in all my endeavors.

EXPERIENCE

Software Developer

Dec 2023 – Feb 2024

The Queen of Peace Initiative, Isiolo, Kenya

[Project Link](#)

1. Web App Development:

- I created the Queen of Peace Initiative web app from scratch.
- The app features an intuitive and responsive interface, highlighting the organization's mission, projects, and impact.
- Sections on peace initiatives, educational programs, and humanitarian aid enhance navigation.

2. Donation Integration:

- I seamlessly integrated payment gateways, allowing direct donations via mobile money and credit/debit cards.
- Ensured secure transactions and compliance with industry standards.

3. Backend Development:

- The backend infrastructure was built using technologies like Python, Flask, and email routing.
- I handled critical components such as user authentication, data storage, and communication with external APIs.

4. Quality Assurance:

- Rigorous testing ensured the web app's stability and identified any issues for timely fixes.

Teaching Assistant

Oct 2023 – Dec 2023

Kibo School of Technology, Nairobi, Kenya

As a Teaching Assistant at Kibo School of Technology, I actively contributed to the educational experience of students. My role encompassed several key responsibilities:

- **Course Support:**
 - Assisted instructors in delivering course content effectively.
 - Held regular office hours to provide personalized student support.
 - Reviewed student assignments and offered constructive feedback.
- **Content Enhancement:**
 - Collaborated with the Kibo team to improve content delivery methods.
 - Contributed ideas to enhance course materials and activities.
- **Student Interaction:**
 - Engaged with students during lectures, labs, and workshops.
 - Facilitated discussions, answered queries, and encouraged active participation.
- **Achievements:**
 - Received positive feedback from students for approachability and helpfulness.
 - Contributed to an improved learning environment by fostering student-teacher interactions.

Software Developer

Dec 2021 – Apr 2024

B&N International, Nairobi, Kenya

[Project Link](#)

- **Web Application Development:**
 - Developed a robust booking and reservation web app from scratch.
 - Designed user-friendly interfaces with seamless workflows.
 - Implemented features for efficient booking management.
- **Maintenance and Enhancements:**
 - Regularly maintain the booking and reservation web app to ensure reliability and performance.
 - Incorporate new features, security patches, and improvements through regular updates.

EDUCATION

Kibo School of Technology

Undergraduate Diploma in Computer Science

Jul 2023 – Jul 2024

New York, NY

Emobilis

May 2023 - Aug 2019

I obtained a certificate in an MIT full stack

ADDITIONAL

Technical Skills: Python, HTML, CSS, JavaScript, Flask, Excel,R,Java,PHP,MYSQL

Tools: VSCode, Figma, PyTorch,PhpStorm,Android Studio,IntelliJ Idea

Certifications and Training: Blockchain (IBM Digital Nation Africa), Design Thinking (IBM Digital Nation Africa)

Languages: Kiswahili - Native, English - Native

Interests: Climate Change, Coding, Blockchain, Leadership and Governance.