

# 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

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### Software Developer

Dec 2023 – 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.

### 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.

## EDUCATION

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**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**

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**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.