

## **Wamae Ndiritu**

*Software Engineering Student*

P.O. Box 30197 – 00100, Nairobi, Kenya

**Email:** wamaejoseph392@gmail.com | **Phone:** +254 740 924 507

**Website:** <https://wamaendiritu.tech/> | **GitHub:** [github.com/wamae-ndiritu](https://github.com/wamae-ndiritu) | **LinkedIn:** [linkedin.com/in/wamae-ndiritu](https://www.linkedin.com/in/wamae-ndiritu)

### **PROFESSIONAL SUMMARY**

A dedicated and passionate software engineer committed to leveraging technology to drive positive change in the industry and society. Skilled in developing practical, innovative solutions to address real-world challenges, I excel in adapting to the ever-evolving technological landscape. With a focus on continuous learning and meaningful contributions, I aim to create impactful solutions that make a difference.

### **EXPERIENCE**

#### **Web Developer Mentor | eMobilis**

*October 2024 – December 2024*

- Guided students in the Web Development Bootcamp to grasp concepts in Python, Django, HTML, CSS, and Bootstrap.
- Provided mentorship and practical demonstrations, ensuring students successfully applied concepts to real-world projects.
- Supported individual learning needs through one-on-one sessions and group activities.

#### **ICT Trainer Intern | Kabete National Polytechnic**

*May 2024 – August 2024*

- Delivered programming lessons in C and Java, fostering a strong understanding of programming fundamentals among students.
- Conducted website development training sessions, integrating theory with hands-on practice.
- Assisted in developing course materials and assessments to enhance the learning experience.

#### **Freelance Web Developer**

*December 2023 – Present*

- Designed and implemented tailored web solutions for diverse clients, leveraging technologies such as React, Node.js, Python, and Django.
- Collaborated with clients to analyze requirements and develop scalable, user-friendly applications.
- Delivered end-to-end solutions, from database design with MySQL to front-end development using modern frameworks.

#### **Personal Projects | Web Developer**

*August 2022 – Present*

- **Kibandaski Management System:** A Python and JavaScript-based application to manage restaurant operations, streamlining order management and inventory tracking.
- Developed a suite of applications integrating React, Node.js, Django, and MySQL to address client needs in e-commerce, inventory management, and data visualization.

## **Peer Teaching | St. Luke's Karundas Secondary School**

*April 2021 – September 2021*

- Tutored senior high school students in Physics, Mathematics, and Chemistry, incorporating ICT tools into lessons.
- Mentored peers on academic and social topics, fostering a collaborative learning environment.
- Performed administrative tasks such as type-setting and editing documents using Microsoft Office tools.

## **EDUCATION**

### **Bachelor of Education in ICT | The University of Nairobi**

*Sep 2021 – Present*

- Currently in my 3rd year, gaining theoretical knowledge and practical expertise in ICT concepts.
- Proficient in networking and programming languages, including C, Python, and JavaScript.
- Developing a strong foundation in core computer science principles such as data structures and algorithms.

### **High School Education | St. Luke's Karundas Secondary School**

*2017 – 2020*

- Achieved a B+ in the Kenya Certificate of Secondary Education (KCSE).
- Built a strong academic foundation and honed essential problem-solving skills.

## **CERTIFICATIONS**

### **Software Engineering Bootcamp | ALX Africa**

*Feb 2023 – Jun 2024*

- Completed an immersive, hands-on software engineering program.
- Gained expertise in C, JavaScript, React, Node.js, and other industry-relevant technologies.
- Refined problem-solving and engineering principles through project-based learning.

### **Web Development Bootcamp | eMobilis**

*Oct 2024 – Dec 2024*

- Successfully completed training in Python, Django, HTML, CSS, and Bootstrap.
- Built projects to reinforce concepts and mentored peers in applied web development skills.

## **AWARDS AND ACHIEVEMENTS**

### **Best Web Developer Student | eMobilis**

*2023*

- Recognized as the top-performing student in the Web Development Bootcamp.
- Awarded a trophy for exceptional skills and outstanding project execution.

### **Hackathon 2nd Place | Africa's Talking**

*2023*

- Led a team to secure 2nd place in a competitive hackathon hosted by Africa's Talking.
- Developed an innovative solution utilizing Africa's Talking APIs, demonstrating leadership, technical expertise, and collaborative teamwork.

## **TECHNOLOGIES & TOOLS**

### **Programming Languages:**

- C, Python, JavaScript

### **Web Development:**

- HTML, CSS, Bootstrap, Tailwind
- React.js, Next.js

### **Backend Development:**

- Django & Node.js

### **Databases:**

- MongoDB, MySQL, PostgreSQL

### **Version Control:**

- Git, GitHub

### **Operating Systems:**

- Linux & Windows

## **LANGUAGES**

- **English:** Proficient
- **Swahili:** Native/Fluent

## **HOBBIES**

- **Hiking:** Enjoy exploring nature and staying active through outdoor adventures.
- **Listening to Music:** Passionate about discovering diverse genres and relaxing through melodies.