

## **SIMON MACHARIA WANGONYA**

**Software Engineer** Nairobi, Kenya

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[github.com/777simon](https://github.com/777simon)

### **PROFESSIONAL SUMMARY**

Highly motivated Software Engineering graduate with a strong foundation in full-stack development, ICT support, and network systems. Experienced in managing web content, providing technical support, and maintaining digital infrastructure through internships and retail ICT environments. Proven ability to build functional applications using Python Django and modern web technologies.

### **SKILLS**

- **Programming Languages:** Python, Java, C++, JavaScript.
- **Web Development:** Full-stack development (HTML, CSS, Django), Client-Side Programming.
- **Database Management:** MySQL, PostgreSQL, Advanced Database Programming.
- **Networking & ICT:** Network infrastructure support, Data Communication, ICT maintenance, and help desk services.
- **Soft Skills:** Problem-solving, team collaboration, and dedication to user support.

### **WORK EXPERIENCE**

**Cyber Café Attendant / ICT Assistant** | Githurai 44, Nairobi *october 2025 – Present*

- Managing day-to-day cyber café operations, including document processing, printing, and typesetting.
- Providing technical assistance to customers with online applications (e-Citizen, KRA, NTSA).
- Performing routine hardware and software maintenance on client workstations to ensure 100% uptime.

- Troubleshooting local area network (LAN) and Wi-Fi connectivity issues.

#### **ICT Intern** Murang'a University of Technology

*May 2023 – July 2023*

- Provided ongoing technical support and maintenance to the university community.
- Assisted in the expansion and maintenance of campus network infrastructure.
- Supported the implementation and maintenance of the official University Website.
- Delivered help desk services and assisted in data collection and analysis.

### **EDUCATION**

#### **Bachelor of Science in Software Engineering**

Kirinyaga University

*Graduated: 2025*

- **Status:** Completed.
- **Key Coursework:** Data Structures & Algorithms, Software Requirements Engineering, Object Oriented Analysis & Design, and Advanced Database Programming.
- **Performance:** Consistently passed all academic years, progressing through Year 1 and Year 2 with satisfactory standing.

#### **Kenya Certificate of Secondary Education (KCSE)**

Muhoho High School

*Completed: 2020*

- **Mean Grade:** B+ (Plus) (70 points).

### **PERSONAL PROJECTS**

- **Ecommerce Website (Python Django):** Developed a platform featuring user authentication, product listings, and payment integration.
- **Car Wash Management System:** Built a digital system to track vehicle entries, manage staff operations, and streamline customer payments.
- **Personal Portfolio Website:** Designed and deployed a responsive resume website using HTML, CSS, and JavaScript.

## **ACHIEVEMENTS & LANGUAGES**

- **Technical:** Self-taught and implemented the Django framework for professional-grade Python web applications.
- **Languages:** English (Full Professional Proficiency), Swahili (Full Professional Proficiency).
- **Interests:** Volleyball, Swimming.

## **REFEREES**

### **Wilson Kariuki**

ICT Director, Murang'a University of Technology

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### **Daniel Kamunya Karanja**

ICT Team Lead, Murang'a University of Technology

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