

## SAMMY WEKESA NYONGESA



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P.O. BOX 879, Naivasha, Kenya

### PERSONAL DETAILS

**Date of Birth** : 18/01/2003

**Nationality** : Kenyan

**Sex** : Male

**Marital Status** : Single

**Languages** : English, Kiswahili, Luhya, Kikuyu

### PROFESSIONAL SUMMARY

Innovative and results-driven Web Developer with 3+ years of experience in full-stack development and a strong background in teaching, training, and mentoring during an industrial attachment. Proficient in HTML, CSS, JavaScript, React, Node.js, Python, and databases, with hands-on expertise in designing responsive, user-friendly applications. Adept at collaborating with teams, solving technical challenges, and delivering solutions that meet both academic and industry needs.

### TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Python, Java, C, C++, PHP
- **Frameworks & Libraries:** React.js, Node.js
- **Databases & Tools:** MySQL, MongoDB, Git
- **Web Development:** Responsive design, REST APIs, Full-stack development
- **Other Tools:** MS Office Suite (Word, Excel, PowerPoint, Access)
- **Operating Systems:** Windows, Linux, macOS

### PROFESSIONAL EXPERIENCE

#### **Industrial Attachment – ICT & Software Engineering Department**

**Kenya Institute of Software Engineering and Professional Studies (May 2025 – Aug 2025)**

- Taught and supported students in Programming Algorithms (Python), Database Management Systems, Software Development Tools, and Computer Applications/Maths.

- Assisted in project management within the ICT and Software Engineering departments.
- Contributed to examination setting and marking, ensuring fairness and accuracy.
- Collaborated closely with the Head of Department to deliver assigned tasks.
- Recognized for working effectively under pressure with minimal supervision, and as an excellent team player.

### **Freelance Web Developer – Self-employed (2020 – Present)**

- Designed and developed 10+ websites and applications for education, e-commerce, and service industries.
- Built and deployed REST APIs and integrated third-party services to improve client systems.
- Improved client engagement by 30% through responsive and mobile-friendly design.
- Delivered projects for international clients through remote collaboration.
- Provided technical maintenance and long-term support for multiple projects.

## **EDUCATION**

### **Bachelor's Degree in Information and Communication Technology**

Laikipia University

- Specialized in software development, programming, networking, and database systems.
- Participated in certification programs and practical projects.

## **CERTIFICATIONS**

- Huawei ICT Certification – Laikipia University
- Cisco Networking Certification – Laikipia University
- Software Development Training – Teach2Give

## **PROJECTS**

- Online Study Group Finder – Built with React.js & MySQL to help students collaborate, share resources, and schedule sessions.
- Healthcare Appointment System – Designed backend (Python/Django) with PostgreSQL for efficient doctor-patient scheduling.
- Personal Portfolio Website – Developed and deployed (jaysam254.netlify.app) to showcase projects and skills.
- Food Dev – Built with React.js and MySQL to help clients order food and deliver it to their doorstep.
- Employment Management System – A system built using React and MySQL to help employers manage and track employee salaries.

## **SOFT SKILLS**

- Communication & teamwork
- Problem-solving & critical thinking
- Time management & adaptability
- Self-motivated and detail-oriented

## **REFEREES**

Mr. Maulid Seyif

Administrator Kenya Institute of Software Engineering

Cell: - 0757 749 510

Daniel Ngandi

Head Of Director and Trainer Software Engineering Dept (KISE)

Cell: - 0793 780 201