

## **SAMMY GICHEHA MBUGUA**

Software Developer | Business Intelligence Enthusiast | Network Specialist

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 Nairobi, Kenya

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## **PROFILE**

A computer science professional with a strong foundation in software development, networking, and business intelligence. Experienced in working with modern frameworks and tools like Laravel, Livewire, Power BI, and Python, delivering reliable solutions in fast-paced, team-oriented environments. Excellent at troubleshooting, collaborating in teams, and translating complex problems into smart software solutions.

## **EDUCATION**

Bachelor of Science in Computer Science – University of Embu  
Aug 2019 – Aug 2023.

Kenya Certificate of Secondary Education – St. Francis Secondary School  
Feb 2014 – Nov 2018.

Kenya Certificate of Primary Education – St. Peter and Paul Primary School  
Jan 2005 – Nov 2013.

## **PROFESSIONAL EXPERIENCE**

### **Software Developer Intern – Quest Developers Company**

April 2025– Nov 2025

- Developed PHP projects using Laravel and Livewire (e.g., hover.com).
- Built interactive dashboards using Power BI.
- Created machine learning models, including Swahili-English spam detection.
- Designed frontend themes using HTML, Tailwind CSS, Alpine.js.
- Collaborated on database migrations with MySQL.

### **Technology Solutions Provider – Flebytes Limited**

Jul 2024 – Feb 2025

Delivered end-to-end technology integration and implementation services across enterprise environments.

Implemented storage, SAN, server, desktop, and laptop solutions for diverse client needs.

Deployed network infrastructure including routing, switching, and network security systems.

Provided Office 365 email and collaboration solutions and Microsoft software deployments.

Performed cabling, cable management, and hardware support for printers and scanners.

## **Software Engineer – Nairobi Institute of Software Development**

Jun 2023 – May 2024

- Delivered full-stack development projects and taught programming (Python, Laravel, JS).
- Conducted software/hardware troubleshooting and maintenance.
- Led classes in graphics design and AutoCAD.
- Improved system stability and team development capacity.

## **Project Developer (Online Competition)**

Nov 2022 – Apr 2023

- Co-created various IT projects in diverse languages.
- Collaborated with team members in coding and troubleshooting.
- Improved project management and real-world problem-solving skills.

## **Software Developer Attachment – Milestone College**

Apr 2022 – Sep 2022

- Assisted in database planning and development.
- Delivered IT instruction and technical support services.
- Participated in Python-based software development and code reviews.
- Designed and deployed basic websites.

## **SKILLS**

- **Programming Languages:** Python and PHP
- **Frameworks/Tools:** Laravel, Livewire, React, Alpine.js, Tailwind CSS, Power BI
- **Databases:** MySQL
- **Networking:** TCP/IP, DNS, Subnetting, Switching, Routing, Network Security
- **BI & Reporting:** Power BI, Excel
- **Other:** System maintenance, troubleshooting, diagram-based reporting

## **PROJECTS**

### **Swift Donation**

- Developed using Laravel, Livewire, Tailwind CSS, Alpine.js, HTML, MySQL
- It helps member to member support through donation, it is used to manage the donors record, stores and keeps the update after any change is done. The only person who can access the donation is the person donation was sent to. For more follow-up use the link-> <http://197.248.201.233:12011>

### **Scholar Script**

- Developed to ease communication between buyers and writers, helps to manage both users when offering jobs, show progress until done then the payment integration for payment. For more follow the link-> <http://197.248.201.233:12010>

### **Ethereum Blockchain Platform**

- Created a decentralized platform with smart contract functionality
- Ensured secure data verification using blockchain architecture

### **Java Game Development**

- Designed a playable, interactive game with graphics and smooth controls
- Implemented core game logic and UI feedback systems

## **LANGUAGES**

- English (Fluent)
- Kiswahili (Fluent)

## **REFERENCES**

Dr. Millien Kawila

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