

## SAMUEL SIMIYU

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### PROFESSIONAL SUMMARY

Motivated and versatile Full-Stack Software Developer with hands-on experience designing, developing, and optimizing dynamic web and mobile applications. Proficient in Laravel, PHP, JavaScript, and React, with a strong foundation in database management, DSA, and agile practices. Proven ability to solve problems creatively, deliver scalable solutions, and collaborate effectively in fast-paced environments. Passionate about continuous learning and leveraging modern technologies to drive user engagement and operational efficiency.

### EXPERIENCE

#### Software Developer – ICORE INFORMATION SYSTEMS (Mar 2025 – Present)

- Contributing to the full lifecycle development of enterprise systems including Point of Sale (POS), ERP, SACCO Management Systems, and other mission-critical MIS solutions.
- Collaborating with my senior developer to implement scalable backend logic using Laravel and PHP, ensuring smooth integration with frontend technologies like JavaScript and React.
- Providing technical support and training to clients, troubleshooting issues remotely and on-site to ensure optimal product functionality and user satisfaction.
- Participating in requirement analysis meetings and contributing to tailoring solutions that align with business needs.
- Performing system debugging, testing, and deployment of updates in production environments.
- Authoring technical documentation, installation guides, and training manuals to aid future development and client onboarding.
- Working with SQL databases and REST APIs.

#### Software Developer Intern – ICORE INFORMATION SYSTEMS (Aug 2024 – Mar 2025)

- Developed and maintained full-stack web applications using Laravel, PHP, and JavaScript.
- Collaborated in an agile team to build new features and APIs, improving system scalability and responsiveness.
- Integrated databases using MySQL, ensuring data integrity and optimal performance.
- Identified and resolved software bugs, reducing reported issues by over 40%.

#### Web Master – Beyond Technology, Kitale, Kenya (Apr 2024 – Aug 2024)

- Optimized website SEO, increasing organic traffic and user engagement by 30%.
- Maintained and secured multiple client websites, implementing updates and backups.
- Developed interactive scripts with JavaScript and PHP to enhance UX and functionality.
- Analyzed web performance metrics using Google Analytics and made data-driven UI improvements.

#### IT Technician – The Kitale National Polytechnic, Kitale, Kenya (Feb 2022 – Apr 2022)

- Provided Tier 1 tech support and software troubleshooting for staff and students.
- Assisted in configuring and deploying IT systems across campus labs.
- Maintained system stability by regularly debugging and updating software.

## EDUCATION

Diploma in Information Communication Technology – Masinga Technical College, Machakos, Kenya (Jul 2024)

## TECHNICAL SKILLS

Languages & Frameworks: PHP (Laravel), JavaScript (ES6+), C++, React.js, Node.js, Python, SQL

Web & App Development: HTML5, CSS3, Bootstrap, Tailwind CSS, Responsive Design, React Native

Tools & Platforms: Git/GitHub, VS Code, Postman, XAMPP, Figma

Databases: MySQL, SQLite, Firebase (basic)

Other Skills: REST APIs, Web Analytics, SEO Optimization, DSA (Data Structures & Algorithms), Agile/Scrum, OOP, MVC Architecture

## KEY PROJECTS

### Healthcare Management System with AI Diagnosis

- Built an AI-enhanced system for preliminary diagnosis and real-time ambulance dispatch.
- Backend powered by OOP PHP using a manual MVC architecture, with secure form handling and session management.

### Smart City Waste Management System

- Developed a platform to track waste collection, optimize routes, and analyze energy generation.
- Utilized Laravel + JavaScript to enhance UX with real-time dashboard analytics and smart alerts.

### ZKTeco Biometric Attendance Logger

- Designed a biometric attendance system with Python, sending SMS alerts via Infobip API.
- Implemented SQL for attendance logs, enabling real-time reporting and audit tracking.

## CERTIFICATES & AWARDS

- ☐ WorldSkills Kenya Gold Medalist – IT Software Solutions for Business
- ☐ TVET National Fair Gold Medalist – Website Design (2024)
- ☐ Sololearn Certificates – PHP, JavaScript, React + Redux, jQuery, SQL, Web Development
- ☐ Certificate of Excellence – Beyond Technology Web Master Role

## PERSONAL TRAITS

- ☐ Critical thinker & fast learner
- ☐ Excellent communicator and team collaborator
- ☐ Passionate about clean code and best practices
- ☐ Consistently meet deadlines and exceed expectations