

SAMUEL SIMIYU

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Nakuru, 20100 (KENYA)

SUMMARY

Ambitious and detail-oriented Software Developer with extensive internship experience in designing, developing, and maintaining software applications. Proficient in PHP, Laravel, and JavaScript, with strong capabilities in database management and agile software practices. Proven track record of delivering user-friendly web applications and enhancing system functionality through effective troubleshooting and innovative problem-solving. Committed to lifelong learning and utilizing the latest technologies to streamline operations and improve user engagement.

EXPERIENCE

SOFTWARE DEVELOPER INTERN, ICORE INFORMATION SYSTEMS. Nakuru, KENYA

Aug. 2024 - Mar. 2025

- Assisted in the development and maintenance of web applications using PHP (Laravel) and JavaScript.
- Collaborated with a team to design and implement new features, enhancing the functionality of applications.
- Utilized SQL for effective database management, ensuring robust data handling in web services.
- Conducted debugging and trouble-shooting of software issues, maintaining high standards of reliability.

WEB MASTER, BEYOND TECHNOLOGY. KITALE, KENYA

Apr. 2024 - Aug. 2024

- Implemented SEO strategies that improved site visibility and user engagement by 30%.
- Managed multiple websites, ensuring adherence to optimal performance and security protocols.
- Developed custom scripts using PHP and JavaScript to enhance user interaction and streamline site functionality.

IT TECHNICIAN, THE KITALE NATIONAL POLYTECHNIC INSTITUTE. KITALE, KENYA

Feb. 2022 - Apr. 2022

- Provided technical support and troubleshooting, improving user satisfaction and minimizing downtime.
- Conducted regular debugging of software applications and systems, promoting operational consistency.
- Assisted in the configuration and installation of IT systems, ensuring smooth transitions across platforms.

EDUCATION

MASINGA TECHNICAL COLLEGE, MACHAKOS, KENYA

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY, Jul. 2025

KEY PROJECTS

Healthcare Management System with AI Diagnosis and Realtime Ambulance Dispatch

- Developed a comprehensive healthcare system integrating AI for diagnosis and real-time ambulance scheduling.
- Utilized Object Oriented PHP with manual MVC setup for back-end development, enhancing responsiveness and application performance.

Smart City Waste Management System

- Designed a waste management application to track waste collection and manage energy generation analytics.
- Focused on using JavaScript and Laravel to optimize the user interface and experience.

ZKTeco Biometric Attendance Logger

- Created a Python-based attendance system that logs user attendance and sends SMS notifications via the Infobip API.
- Utilized SQL for database management and data retrieval processes.

Skills

Programming Languages: PHP (Laravel), JavaScript, C++, Node.js, React.js

Web Development: HTML, CSS, Responsive Design, SEO Optimization

Database Management: SQL, Database Design and Implementation

Software Development: Agile Software Development, Debugging and Troubleshooting, DSA

Other Skills: Web Analytics, Custom Scripting, User Interaction Enhancement

CERTIFICATES & AWARDS

- **Made by Sololearn:** React + Redux, PHP, JavaScript, SQL, jQuery, Web Development, Responsive Design.
- **WorldSkills Kenya:** Gold Medalist in IT Software Solutions for Business.
- **KATTI:** Gold Medalist in Information Systems Support and Business.