

**SAUL NYONGESA MUPALIA
SOFTWARE DEVELOPER**

Bungoma, 50200, Kenya | saulnyongesa4@gmail.com | +254708560861 | +254788532324
www.saulmupalia.online

SUMMARY

Practical Software Developer with Significant Experience in Web system design, development and deployment, and maintainance. I have worked with some organizations, ensuring a grounded approach to my profession, leveraging my expertise to optimize processes and deliver innovative solutions that meet business objectives.

PROFESSIONAL EXPERIENCE

Head of Information Technology Volunteer | Remian Diagnostics Limited | September 2025 - January 2026.

- Led the design, development, and maintenance of a Content Management System: (<https://www.remiandiagnostics.com>)
- Implemented robust Role-Based Access Control (RBAC) to enforce strict security protocols and ensure data privacy.
- Perform regular system maintenance to prevent downtime and ensure smooth performance.
- Designed and integrated a live meeting feature, enabling webinars to be hosted directly on the platform using Agora Live Streaming SDKs. This ensures full control over webinar registration and attendance.
- Integrated background task processing using Celery with Redis, enabling efficient handling of heavy system tasks and ensuring smooth operation.
- Manage continuous deployment of new features and bug fixes. Since the system is hosted on Heroku, deployment is done immediately after thorough system testing.

Computer Teacher/Instructor | Friands of Watoto CBO Bungoma | May 2025 - July 2025.

- Instructed and trained vulnerable young mothers, teens, and at-risk youth on the use of computer devices.
- Taught essential digital skills, including Microsoft Office (Word, Excel, PowerPoint), basic computer operations, and internet navigation.
- Guided learners on effective use of search engines (e.g., Google) for research, email communication, online safety, and productivity tools such as Google Docs and Google Drive.

ICT Support Staff - Intern | Equip Africa Institute Kitale Campus | May 2024 - August 2025.

- Supported the development and optimization of internal systems to improve operational efficiency.
- Set up and maintained a video conferencing center for seamless remote communication.
- Provided general ICT support and customer care services to both staff and students.
- Designed and implemented a facial recognition-based attendance system to track lecturers' class attendance.
- Assisted in troubleshooting hardware and software issues, ensuring smooth and reliable operation of the college's IT infrastructure

PROJECTS

Remian Diagnostics | Web App System | September 2025 - Present

A web-based platform developed for a team of healthcare and education professionals dedicated to advancing the skills of medical laboratory scientists, technologists, and technicians through accredited CPD webinars.

The system facilitates the delivery of webinars, where participants earn CPD points that are later uploaded to the KMLTTB portal, enabling them to renew their medical laboratory practicing licenses at the end of the year.

SKILLS

- Programming & Development: Python, Django, Flutter, JavaScript
- Web Technologies: HTML, CSS, Bootstrap
- Hosting & Deployment: Heroku, Web Hosting, System Integration
- Mobile & Web App Development: Cross-platform apps using Flutter
- Database Management: PostgreSQL, SQLite (via Django ORM)
- Version Control: Git, GitHub
- Soft Skills: Leadership, Communication, Problem Solving, Team Collaboration, Friendly.

EDUCATION

Kibabii University | Bachelor's Degree In computer science | September 2020 - April 2025.

Graduated: November 21, 2025

Completed undergraduate studies with a strong foundation in software development, system design, and project implementation. Gained both theoretical and practical skills in programming, problem-solving, and modern software engineering practices.

Emobilis Technology Institute | Certificate in website Development | October 2023 - December 2023.

Graduated: July 27 2024

Completed an intensive three-month bootcamp focused on full-stack web development using Django. Gained hands-on experience in building and deploying real-world web applications using Python, Django, HTML, CSS, Bootstrap, and JavaScript.

St. Andrews Matulo | Kenya Certificate of Secondary Education | 2016 - 2019

Grade: B-

Muji Primary School | Kenya Certificate of Primary Education | 2008 - 2015

Marks: 308 / 500