

Saul Nyongesa Mupalia

SOFTWARE DEVELOPER | DJANGO DEVELOPER | IT SUPPORT SPECIALIST

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PROFESSIONAL SUMMARY

Results-driven Software Developer with hands-on experience building, deploying, and maintaining full-stack web applications using Python and Django. Proven track record in designing and deploying scalable systems. Skilled in IT support, database management, cloud deployment, and end-user technical assistance. Adept at working independently and collaborating across teams to deliver maintainable solutions that solve real business problems.

TECHNICAL SKILLS

Languages: Python, JavaScript, Dart

Frameworks: Django, Bootstrap, HTML5, CSS3

Databases: PostgreSQL, SQLite (Django ORM)

APIs & Payments: M-Pesa Daraja API, REST APIs

DevOps & Tools: Git, GitHub, Heroku, Celery, Redis, Linux

Office Tools: Microsoft Office (Word, Excel, PowerPoint), Google Workspace

Soft Skills: Leadership, Team Supervision, Problem Solving, Communication, Customer Service

PROFESSIONAL EXPERIENCE

Webmaster

Moi University, Kenya Jul 2026 - Present

- Managing and updating the university website to ensure accurate content delivery and high uptime.
- Optimizing web performance and ensuring cross-browser compatibility and mobile responsiveness.
- Implementing new web features to improve student and faculty digital experience.

Head of Information Technology, Intern

Remian Diagnostics Limited, Nairobi, Kenya (Remote) Nov 2025 - Mar 2026

- Developed and maintained a CPD-accredited webinar management platform serving medical laboratory professionals across Kenya.
- Implemented Role-Based Access Control (RBAC) to enforce security protocols and protect sensitive user data.
- Integrated Agora Live Streaming SDKs enabling the organisation to host webinars directly on their own platform.
- Configured Celery with Redis for background task processing including bulk email delivery and registration handling.

Computer Teacher and Instructor

Friends of Watoto CBO, Bungoma, Kenya May 2025 - Jul 2025

- Delivered digital literacy training to vulnerable young mothers, teenagers, and at-risk youth.
- Taught Microsoft Office applications, email communication, internet navigation, and online safety.

ICT Support Staff, Attachment

Equip Africa Institute, Kitale Campus, Kenya May 2024 - Jul 2024

- Designed and deployed a facial recognition attendance system that automated lecturer clock-in and replaced manual registers.
- Provided day-to-day ICT support to staff and students, diagnosing and resolving hardware and software faults.

Cyber Cafe Attendant, promoted to Supervisor

Kibabii University Cyber Cafe, Bungoma, Kenya 2021 - 2023

- Supervised daily operations of a cyber cafe and retail shop, managing staff, stock levels, and accurate pricing.

PROJECTS

Remian Diagnostics Web Platform

Python, Django, PostgreSQL, Agora SDK, Celery, Redis, M-Pesa Daraja API, Heroku

- Originally built as a general-purpose MIS for event booking, then redesigned into a full CPD webinar delivery platform.
- Integrated M-Pesa Daraja API for secure mobile payment of registration fees directly on the platform.

Facial Recognition Attendance System

Python, face-recognition, Django, SQLite

- Designed and deployed a camera-based facial recognition system to automate lecturer attendance tracking.

EDUCATION

Bachelor of Science in Computer Science

Kibabii University, Bungoma, Kenya Sep 2020 - Nov 2025

- Studied software development, system design, algorithms, and software engineering principles with hands-on project work.

Certificate in Website Development

Emobilis Technology Institute, Nairobi, Kenya Oct 2023 - Jul 2024

Kenya Certificate of Secondary Education (KCSE), Grade B-

St. Andrews Matulo Secondary School, Bungoma, Kenya 2016 - 2019

CERTIFICATIONS

- Certificate in Website Development (Django Full-Stack), Emobilis Technology Institute, 2024