

# Saul Nyongesa Mupalia

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## SUMMARY

Experienced Software Developer with over 2 years of experience building, deploying, and maintaining full-stack web applications using Python, Django, and PostgreSQL, alongside CMS based websites on WordPress and Joomla. Currently working as Webmaster at Moi University, managing site content, structure, and technical maintenance. Comfortable moving between backend development, database management, and day-to-day IT support.

## EXPERIENCE

*Moi University, School of Engineering (PLEASE Project), **Webmaster Intern***

*Jul 2026 - Present*

- Manage the please-ea.org website for the School of Engineering's PLEASE Project, handling content uploads, edits, structure, and ongoing technical maintenance.
- Designed and built energy.mu.ac.ke to promote a scholarship-sponsored Master's program, from site structure through content and launch.
- Prepare and format staff profiles for the Moi University website, including qualifications, publications, and biographical write-ups.
- Draft content recommendations and written communications to project supervisors to improve site messaging and structure.
- Provide ongoing IT support and troubleshooting for departmental digital infrastructure.

*Remian Diagnostics Limited, **Head of Information Technology, Intern***

*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.
- Configured Celery with Redis for background task processing, including bulk email delivery and registration handling.
- Managed continuous deployment on Heroku, releasing updates and fixes after thorough testing.

*Friends of Watoto CBO, **Computer Teacher and Instructor***

*May 2025 - Jul 2025*

- Delivered digital literacy training to young mothers, teenagers, and other youths.
- Taught Microsoft Office applications, email communication, internet navigation, and online safety.
- Introduced learners to the Google Ecosystem, e.g Google Docs and Google Drive, for independent use in school and work.

*Equip Africa Institute, **ICT Support Staff, Attachment***

*May 2024 - Jul 2024*

- Designed and deployed a facial recognition attendance system that automated lecturer clock-in and replaced manual registers.
- Participated in setting up and maintaining the institute's video conferencing centre for internal meetings and external engagements.
- Provided day-to-day ICT support to staff and students, diagnosing and resolving hardware and software faults.
- Assisted in reviewing and improving internal systems to reduce manual workload and improve operational efficiency.

*Kibabii University Cyber Cafe, **Cyber Cafe Attendant***

*2021 - 2023*

- Supervised daily operations of a cyber cafe and retail shop, managing staff, stock levels, and accurate pricing.
- Handled customer inquiries and complaints, maintaining service quality throughout busy university periods.

## EDUCATION

*Kibabii University*

*Bachelor of Science • **Computer Science***

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

*Emobilis Technology Institute*

*Certificate • **Website Development***

• Completed an intensive Django full-stack bootcamp covering Python, HTML, CSS, Bootstrap, and JavaScript.

*St. Andrews Matulo Secondary School*

*Kenya Certificate of Secondary Education (KCSE) • **Grade B***

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## **LICENSES & CERTIFICATIONS**

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***Certificate in Website Development (Django Full-Stack)***

*Emobilis Technology Institute • Issued Oct 2023 - Expires Jul 2024*

## **SKILLS**

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Python • JavaScript • Kotlin • Django • Bootstrap • WordPress • Joomla • PostgreSQL • MySQL • REST APIs