SIMON NJIYO MURANJA

Nairobi, Kenya | +254 714 389 231 | simonmuranja365@gmail.com | github.com/muranja | muranja.github.io/dev

PROFESSIONAL SUMMARY

Computer Science student with hands-on experience in software development, Linux systems administration, and network infrastructure. Proven ability to build and deploy practical solutions—from Python CLI automation tools and Next.js web applications to localized network systems. Seeking a Software Engineering, Systems, or IT internship/junior role to contribute to production systems and grow within an experienced engineering team.

EDUCATION

Bachelor of Science in Computer Science (In Progress) — **University of the People** **Nov 2025 – Present**

- **Relevant Coursework:** Programming 1 & 2 (Java), Computer Systems, Concurrent Computing, Statistics, Professional Communication.
- **Focus Areas:** Object-oriented design, GUI development (Java Swing/JavaFX), multithreading, and low-level system programming (C).

High School Certificate — **Chania High School, Kenya** **2015 – 2018**

TECHNICAL SKILLS

Languages & Scripting:	Python, Java, C, JavaScript, TypeScript, Shell Scripting (Bash), SQL, HTML/CSS
Web & Automation:	Next.js, React, Astro, Flask, Tailwind CSS, n8n Workflow Automation, API Integrations
Systems & Networking:	Linux Environments, Server Management, Google Cloud VM Deployments, MikroTik, Nginx, Docker, Git
Languages Spoken:	English (Professional working proficiency), Gikuyu (Native)

TECHNICAL PROJECTS

shcool – Terminal Productivity & Automation Tool **2025 – Present**

- Developed a terminal-based productivity utility in Python to automate repetitive administrative tasks and local data tracking.
- Combined shell scripting and structured local storage to streamline daily study and operational workflows on Linux.

SolitaireCC (solitairecc.com) – Web Application & Gaming Review Platform **2025 – Present**

- Built, launched, and maintained an independent web platform using modern Next.js frameworks and static file hosting.
- Managed live production hosting, domain routing, and platform analytics to improve user retention and site performance.

Student Record Management System (Academic Project) **2025 – 2026**

- Engineered a menu-driven student record management application in Java, applying object-oriented programming principles, input validation, and structured data handling.

WORK EXPERIENCE

IT & Hardware Technician — **Independent Technology & Hardware Repair Shop (Nairobi, Kenya)** **2025 – Present**

- Provide hardware diagnostics, component-level troubleshooting, and technical repair services for local community and business clients.
- Deploy and maintain localized network configurations and cloud-based virtual machines (Google Cloud Platform) for customized client setups.

Digital Content & Workflow Automation Builder — **Independent Projects (@africanaturewalk & KDP)** **2025 – Present**

- Built automated multi-track video creation and publishing pipelines using Python, text-to-speech tools, and n8n workflows to scale the @africanaturewalk channel.
- Manage end-to-end digital publishing workflows on Amazon, utilizing analytics to inform content scheduling and distribution.