ROY NGURE MUTUA.

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EDUCATION.

KCA University.   Nairobi, Kenya
Bachelor of Science in Information Technology.   *May 2023 – Nov 2025*

Zetech University.   Nairobi, Kenya
Diploma in Information Technology.   *Aug. 2020 – Dec. 2023*

Aptech Computer Education.   Kampala, Uganda
ICDL Certification.   *Year 2019*

Kiaritha-ini High School.   Nyeri, Kenya
Kenya Certificate of Secondary Education (K.C.S.E).   *Jan. 2015 – Dec. 2018*

EXPERIENCE.

System Support Administrator (Intern)   *Sep 2025 – Present*
Kenya Civil Aviation Authority (KCAA) – Nairobi, Kenya.

- Maintaining ICT systems and network infrastructure, ensuring reliable system performance within an aviation-regulated environment.

Software & Systems Maintenance (Part-Time).   *Apr. 2023 – Sep 2025*
Smartech Centre – Nairobi, Kenya.

- Maintained and optimized digital platforms for phone repair services, improving website performance, user experience, and implementing new business-driven features.

Network Administrator (Intern)   *Aug. 2022 – Mar. 2023*
VANGUARD TECH ORG – Nairobi, Kenya.

- Supported network management, IT troubleshooting, and conducted training sessions on basic networking and cybersecurity to strengthen system reliability and user awareness.

PROJECTS.

Traffic Offence Report System | *HTML CSS JavaScript MySQL.*

- Developed a full-stack system for managing traffic offence reports with a user dashboard and printable reports enhancing usability and data accuracy through a modern UI.

Healthcare Triage System | *JavaScript HTML CSS.*

- Built a web-based system to determine patient care urgency and streamline the triage process for improved healthcare response efficiency.

Purchase Order Management System | *HTML PHP JavaScript.*

- Created a web application to manage company purchase order records, enabling easy storage, retrieval, and improved business operations.

Wholesale Management System | *PHP CSS MySQL.*

- Designed a comprehensive system to streamline inventory tracking and order processing while enhancing data accuracy and real-time monitoring.

Student Information Management System | *PHP CSS JavaScript.*

- Developed a system for managing student records, academic performance, and attendance with secure access for administrators, teachers, and students.

TECHNICAL SKILLS.

Languages: Java, Python, PHP, SQL (MySQL), **Frameworks:** Spring Boot, Flutter, RESTful APIs
Web Development: HTML, CSS, JavaScript, WordPress, **Tools:** Git, Cisco Routing & Packet Tracer.

ACHIEVEMENTS & LEADERSHIP.

- Led a network infrastructure project that significantly improved system performance and reliability.
- Served as the IT Department rep at KCA University, fostering collaboration between students and faculty.
- Mentored peers through IT workshops focused on networking, software development, and practical technical skills.