

Lewis Munene Muthee

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PROFESSIONAL SUMMARY

Full-Stack Developer and Computer Science graduate from Strathmore University (Class of 2025) with expertise in building scalable web applications using React, TypeScript, Node.js, and modern database technologies. Experienced in delivering end-to-end solutions from concept to deployment, including e-commerce platforms, agricultural technology systems, and mental health applications. Strong foundation in cybersecurity with hands-on penetration testing experience. Passionate about leveraging technology to solve real-world problems and drive digital transformation.

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer | Nairobi, Kenya

June 2025 – Present

- **Designed and developed** Doscom Solutions ([Doscom Solutions - For all ICT Solutions](#)), a full-featured e-commerce platform using React, TypeScript, Node.js, and Supabase, launching January 2026
- **Built** RibaFarms ([RibaFarms - Nurturing the Future of Organic Farming](#)), an agricultural technology platform connecting farmers directly with consumers while providing educational resources for new farmers
- **Developed** Tumaini ([Tumaini - Academic Stress Management](#)), a mental health awareness web application for Strathmore University students featuring stress tracking, journaling, and crisis support resources using React, TypeScript, and Firebase
- **Implemented** responsive, mobile-first designs with modern UI/UX principles across all projects

IT Intern & Finance Support | Gulf Africa Machinery Ltd, Ruiru

February 2025 – June 2025

- **Spearheaded** complete website redesign using React, TypeScript, Node.js, Express.js, and MySQL, enhancing user experience and functionality
- **Developed** automated email draft generation system, reducing manual drafting time by 70%
- **Managed** comprehensive payment tracking and financial record-keeping; generated ETR documentation, ensuring compliance
- **Designed** promotional materials, logos, and posters using Canva; proposed and initiated company's LinkedIn presence

Digital Marketing Specialist | Doscom Solutions, Nairobi

January 2024 – March 2024

- **Executed** comprehensive SEO audits for 5+ client websites, identifying optimisation opportunities that improved search rankings
- **Managed** social media campaigns using Hootsuite and Sprout Social, increasing client engagement and online presence

Computer Teacher | Moi Avenue Primary, Nairobi

January 2023 – March 2023

- **Instructed** elementary students in fundamental computer skills, achieving significant improvements in digital literacy

KEY PROJECTS

Doscom Solutions | React, TypeScript, Node.js, Supabase (PostgreSQL)

- Built a full-featured e-commerce platform with product catalog, shopping cart, user authentication, and payment integration; launching January 2026

RibaFarms | React, TypeScript, Node.js, Supabase (PostgreSQL)

- Developed an agricultural technology platform connecting farmers directly with consumers, featuring a marketplace, educational resources, and farm management tools

Tumaini – Mental Health Platform | React, TypeScript, Node.js, Firebase

- Created a mental health awareness application for Strathmore University students with daily check-ins, mood tracking, journaling, analytics dashboard, and crisis support resources

Jihadhari – AI Malicious URL Detection | Python, TensorFlow, Flask, Scikit-learn

- Developed AI-powered cybersecurity model to detect and classify malicious URLs using machine learning algorithms with 94% accuracy

EDUCATION

Bachelor of Science in Informatics and Computer Science

Strathmore University, Nairobi | September 2021 – July 2025

CERTIFICATIONS

- Power Learn Project (PLP) Graduate – 2025
- Certificate in Penetration Testing – Strathmore University, 2024
- Digital Marketing Masterclass – Strathmore University, 2023
- Cisco DevNet Associate – Cisco Networking Academy, 2022
- Cisco CCNAv7: Introduction to Networks – Cisco Networking Academy, 2022
- LiteSpeed Certification – LiteSpeed Technologies, 2024
- Imunify360 Security Certification – CloudLinux, 2024

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, Kotlin, C++, PHP

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Responsive Design

Backend: Node.js, Express.js, Django, Flask

Databases: PostgreSQL (Supabase), MySQL, MongoDB, Firebase

Cybersecurity: Penetration Testing, Network Security, Vulnerability Assessment, Ethical Hacking

Tools & Platforms: Git, GitHub, Vercel, Linux, Figma, Canva, Google Analytics