

Lewis Muthee

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PROFESSIONAL SUMMARY

Dedicated final-year Information Systems student at Strathmore University with hands-on experience in full-stack development, cybersecurity, and digital marketing. Cisco-certified professional with practical skills in penetration testing, web development, and process automation. Demonstrated ability to deliver innovative solutions through internships and teaching roles, with expertise in React.js, TypeScript, Node.js, and database technologies. Passionate about contributing to digital transformation through cutting-edge software development and cybersecurity solutions.

EXPERIENCE

Gulf Africa Machinery Ltd, Ruiru – Finance Department

May 2025 - Present

- **Manage** comprehensive payment tracking and financial record-keeping using advanced spreadsheet systems
- **Generate** and **process** ETR (Electronic Tax Returns) documentation for clients, ensuring compliance and accuracy
- **Administer** company database systems, maintaining data integrity and optimizing information flow
- **Produce** daily financial reports and analytics, supporting executive decision-making processes

Gulf Africa Machinery Ltd, Ruiru – IT Intern

February 2025 - May 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%
- **Engineered** promotional automation system for streamlined client outreach and marketing communications
- **Designed** promotional materials, logos, and posters using Canva, maintaining consistent brand identity
- **Proposed** strategic LinkedIn presence initiative to expand company's professional network visibility

Doscom Solutions, Nairobi – Digital Marketing Specialist

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
- **Implemented** SEO strategies and optimization tools to boost organic traffic and website visibility

Moi Avenue Primary, Nairobi – Computer Teacher

January 2023 - March 2023

- **Instructed** elementary students in fundamental computer skills, achieving significant improvements in digital literacy
- **Collaborated** with teaching staff to integrate technology across curriculum subjects, enhancing learning outcomes
- **Implemented** hands-on teaching methodologies that increased student engagement and participation

PROJECTS

Jihadhari - AI Malicious URL Detection System

Fourth Year Project - 2024/2025

- **Developed** an AI-powered cybersecurity model to detect and classify malicious URLs using machine learning algorithms
- **Implemented** advanced threat detection capabilities to enhance web security and protect users from phishing attacks
- **Engineered** a comprehensive solution combining cybersecurity expertise with artificial intelligence

Personal Portfolio Website

2025

- **Designed** and **developed** a responsive portfolio website showcasing technical projects and professional experience
- **Deployed** and **hosted** a website with optimised performance and user experience
- **Implemented** modern web technologies to demonstrate full-stack development capabilities
- [Lewis Muthee | Portfolio](#)

EDUCATION

Strathmore University, Nairobi — Bachelor of Science in Informatics and Computer Science

September 2021 - Expected July 2025

Pioneer High, Murang'a — High School

January 2014 - November 2017

Graduated from Form 4 with a mean grade of B+

Interests

- Chess • Table Tennis • Badminton • Pool • Swimming

CERTIFICATIONS

Certificate in Penetration Testing –

Strathmore University February 2024– April 2024

Digital Marketing Masterclass – Strathmore

University January 2023 - February 2023

Cisco DevNet Associate

Cisco Networking Academy, February 2022

Cisco CCNAv7: Introduction to Networks

Cisco Networking Academy May 2022

SKILLS

- Web Development: HTML, CSS, JavaScript, React.js, Node.js, PHP, Python, Django, TypeScript
- Database Management: SQL, MongoDB, MySQL
- Cybersecurity & Networking: Penetration Testing, Network Security, Vulnerability Assessment, Cisco Networking
- Digital Marketing: SEO, Google Analytics, Social Media Management, PPC Advertising, Marketing Automation
- Mobile Development: Android Development (Java, Kotlin), SDK and API Integration
- System Administration: Linux System Management, Command Line, Server Administration, Shell Scripting

LANGUAGES

- **Core Languages:** Python, Java, Kotlin, C++, JavaScript
- **Web Technologies:** HTML/CSS, PHP, React.js, Node.js
- **Database Technologies:** SQL, MongoDB