Micheal Wanga Juma

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Objective

Dedicated administrator committed to ensuring operational uptime and infrastructure reliability through expert network configuration and proactive server management (Windows Server 2019, Linux). Possesses high-level certification in ISO 27001 and ISO 42001 standards, providing a strong understanding of security hardening, compliance, and risk management within IT environments. Adept at troubleshooting, data backup and recovery, and leveraging strong problem-solving skills for continuous system efficiency.

Experience

Full-Stack Development and IT Support Intern – Pawatech Solutions

Jul 2025 – Sep 2025 | Hybrid, Nairobi Kenya.

- Collaborated in a team of 4 to develop an e-commerce website, building user-facing interfaces using React.js and Typescript, and implementing server infrastructure with Node.js and MongoDB.
- Applied CSS strategies such as media queries, relative units, and dynamic viewport units to ensure responsive design across various devices.
- Troubleshot network connectivity issues by diagnosing equipment indicators and rebooting modems and routers, reducing latency and removing unauthorized devices to improve browsing speed.
- Implemented security measures including OAuth and OpenID Connect authentication, strong password policies, input validation, and load balancing to enhance application security and performance.
- Incorporated feedback from team and supervisors during development to iteratively improve website features and usability.

Education

Multimedia University of Kenya – Mbagathi, Nairobi.   *Nov 2026*

Undergraduate

Relevant Coursework: Operating Systems, Web Development, Networking, Database Management and Server Administration

Certifications

ISO/IEC 27001:2022 Lead Auditor – Mastermind Assurance   *Sep 2025*

Introduction to Cybersecurity – Cisco Networking Academy   *Oct 2025*

ISO/IEC 42001:2023 Lead Auditor – Mastermind Assurance   *Nov 2025*

Skills

React, Node.js, TypeScript, MongoDB, Network Troubleshooting, OAuth and OpenID Connect, Responsive Web Design (CSS Media Queries, Relative Units, Viewport Units), System Updating and Upgrading, Operating Systems (Kali Linux, Ubuntu, Windows), Load Balancing, Cybersecurity Fundamentals

Web Development & Databases: React, Node.js, TypeScript, MongoDB, Responsive Web Design (CSS Media Queries, Relative Units, Viewport Units)

System Administration & Networking: Network Troubleshooting, System Updating and Upgrading, Operating Systems (Kali Linux, Ubuntu, Windows), Load Balancing

Security & Authentication: OAuth and OpenID Connect, Cybersecurity Fundamentals

Projects

Phishing URL Detector Website   *Nov 2025 – Present*

- Developed a complete website designed to detect phishing URLs, enhancing online security awareness. The project is fully developed and pending deployment, expected soon.

Languages

English (Fluently), Kiswahili (Fluently), Luhya (Partially), Luo (Partially), Kikuyu (Partially)

References

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