

WANJOHI WINFRED WAIRIMU

IT & Cybersecurity Analyst

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PROFILE

Computer Security and Forensics professional with hands-on experience in network security, systems administration, and web development. Strong in troubleshooting, infrastructure support, and secure system configuration across Windows and Linux environments. Comfortable working across technical and operational contexts — from network monitoring and user support to data analysis and building practical web solutions. Known for being thoughtful, adaptable, and effective in translating technical needs into reliable systems.

CORE COMPETENCIES

- Network Security & Traffic Monitoring
 - Vulnerability Awareness & Exposure Assessment)
 - Technical Support & Troubleshooting
 - Windows & Linux Systems Administration
 - System & Server Configuration
 - Data Analysis & Reporting (Python, Excel)
 - IoT & Sensor Device Security (Foundational)
 - Help Desk Operations & User Support
 - User Access Control & Permissions
 - Technical & Security Documentation
 - Web Development (HTML, CSS & JavaScript)
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PROFESSIONAL EXPERIENCE

IT Support Specialist – EDCET

Sept 2024 – Dec 2024

- Provided help desk support and resolved technical issues related to networks, hardware, and digital tools.
- Installed and configured routers, servers, and user accounts across Windows systems.

- Delivered user training on secure usage of LMS platforms and computing tools.
- Ensured systems ran efficiently by monitoring network uptime and basic troubleshooting.

Digital Literacy Intern – Human Practice Foundation

Nov 2023 – Jan 2024

- Developed webpages containing user-friendly training materials and practical exercises to enhance learner engagement for the schools supported by the program.
- Trained both the teachers and students on secure usage of the digital devices.

IT & Systems Intern – Lewa Wildlife Conservancy

Feb 2023 – Aug 2023

- Supported internal IT systems, including server maintenance and user account support.
- Used Python and Excel to analyse sensor-collected data for operational insights.
- Developed webpages using HTML/CSS and maintained secure data handling practices.
- Helped manage access to shared systems and maintained system documentation.

ADDITIONAL EXPERIENCE

Tree Nursery Assistant – Natural State

Ongoing since Mar 2025

- Supported daily operations in a medium-scale nursery caring for thousands of trees across various growth stages
- Tracked and recorded tree growth metrics using manual logs and spreadsheets to support plant health monitoring
- Gained hands-on experience in plant care, soil management, and outdoor manual labour
- Adapted to varied tasks and worked independently with minimal supervision

VOLUNTEER EXPERIENCE

Volunteer IT Support - Natural State

May 2025 - Aug 2025

- Assisted in the configuration and deployment of LoRaWAN sensors and other IoT devices to support environmental and operational monitoring projects.
- Provided help desk support, diagnosing and resolving issues related to network connectivity, hardware malfunctions, and the use of various digital tools and software platforms.
- Contributed to improving system efficiency and user experience through proactive troubleshooting and technical guidance.
- Developing an e-commerce website for the organization's tree nursery to enable online ordering and expand reach to a broader customer base.

- Building the site using HTML/CSS/JS features including product listings, order form/cart functionality, and mobile responsiveness.
- Coordinating with the nursery team to align the site's design and functionality with operational needs and customer accessibility.

Volunteer IT Support – Lewa Wildlife Conservancy

Aug 2023 – Nov 2023

- Participated in hardware tagging, inventory management, and internal support services.
- Used Salesforce for data entry and updates, focusing on maintaining data accuracy and access control.
- Collaborated with IT team to troubleshoot and document internal tech issues.

EDUCATION

2018 – 2023: Bachelor of Science in Computer Security and Forensics, Jaramogi Oginga Odinga University of Science and Technology

2013 – 2017: Kenya Certificate of Secondary Education (KCSE), Ntugi Day Secondary School.

2004 – 2012: Kenya Certificate of Primary Education (KCPE), Our Lady of Visitation.

REFEREES

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