

Kiprotich Davis

Results-driven Entry-level Engineer with expertise and knowledge in Networks, Cloud, Cybersecurity, Linux, Scripting and Electrical Engineering. Certified in Security Architecture, Networking, Ethical Hacking and CI/CD. A proactive problem solver and communicator eager to provide innovative solutions and technological advancements.

Work Experience

Power and IT Support, AlanDick & Co. E.A Ltd

May 2024 - Present

- Managed virtualized environments (VMware, KVM) and containerized solutions (Docker, Kubernetes).
- Provided technical training and guidance to teams, fostering continuous skill improvement.
- Created automation scripts for routine tasks, improving operational efficiency.
- Utilized Git for version control, managing codebase changes and ensuring team synchronization.
- Collaborated with cross-functional teams, identifying opportunities for service improvement.
- Delivered timely technical support for employees remotely via email, phone, and web channels.
- Configured and secured servers, endpoints, and network devices, significantly reducing unauthorized access attempts by over 40%.
- Administered Linux servers, troubleshooting issues and fine-tuning configurations for optimal performance.
- Managed patch management processes, ensuring all systems were up-to-date against new threats, improving system resilience.

Head of Operations, Netline Technologies Limited

Sep 2022 - April 2024

- Resolved complex networking challenges, including MTU adjustments and file system tuning.
- Maintained strong communication and collaborative efforts within local and global teams.
- Configured IoT gateways and ensured seamless integration with enterprise monitoring systems.
- Developed and maintained Bash/Shell scripts to automate deployments, backups, and system monitoring.
- Revamped the company's website in Wordpress and React.
- Reviewed AI-generated code for quality assurance, ensuring adherence to development standards and best practices.
- Designed and implemented network infrastructure to support IoT and edge computing devices.
- Maintained comprehensive documentation for security configurations, processes, and incident responses, aiding in audit readiness.

Educational Background

Electrical and Telecommunications Engineering

Moi University

Sep 2016 - Dec 2022

Software Engineering

May 2022 -Present

- FreeCodeCamp, Fortinet Institute, Cisco

Contact



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Skills

Technical Skills

- Ethical Hacking
- Cybersecurity
- Virtualization: VMware ESXi
- CCNA: Routing and Switching
- Programming: Python, JS
- Ethical Hacking: Kali Linux
- CI/CD: Github
- IP Telephony
- Scripting: Bash
- Cloud Computing: AWS
- Frontend web Development: ReactJS
- Sec Technologies: IDS/IPS, Firewalls, Endpoint Security, Vulnerability Scanning.

Certification/Short Courses

- Ethical Hacking
- Frontend Development
- FCF in Cybersecurity
- Networking Basics
- Javascript Data structures and algorithms
- Scripting with Bash
- CI/CD with Git and Github

Achievements

- Configured and Installed fuel probes in our sites to monitor the fuel levels and curb fuel theft.
- Router configuration and installation to provide site visibility in Telecommunication sites
- Virtualization: Created several virtual machines to resolve several needs from different departments.