

Rowan Erasmus

IT Technician | Mansfield, Nottinghamshire

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Professional Summary

Technical IT professional with a strong foundation in enterprise infrastructure and a deep interest in network security and Linux environments. Currently supporting ~24,000 users across 22 schools, with a proactive approach to troubleshooting and configuration. Dedicated to a career in networking and cybersecurity, underpinned by a sophisticated home lab where I simulate network recovery and manage diverse Linux distributions.

Technical Skills

- **Networking:** Configuration & Troubleshooting, Aruba Networking, Ubiquiti UniFi, VPNs, Firewalls.
- **Operating Systems:** Linux (Ubuntu - Primary, RHEL, Debian), Windows Server, Active Directory.
- **Virtualization & Storage:** Proxmox, Hyper-V, TrueNAS.
- **Tools/Interests:** Security Auditing, Penetration Testing Simulations, Scripting.

Experience

IT Technician | Diverse Academies Trust

Sept 2024 – Present

- Provide hands-on IT support and infrastructure maintenance for a cluster of 7 schools (Mansfield area) within a 22-school trust.
- Support a large-scale environment of ~24,000 users, ensuring high availability of network and server resources.
- Configure and troubleshoot Active Directory, Microsoft 365, Hyper-V, and Aruba networking components.
- Act as a technical point of contact for network-related issues, escalating and resolving hardware/software faults in a fast-paced education setting.

Projects & Self-Study

Home Lab Environment

- Designed and maintain a complex home lab infrastructure using **Proxmox** for virtualization and **TrueNAS** for storage.
- Manage a dedicated **Ubiquiti UniFi** network, implementing VLANs and firewall rules to practice network segmentation.

- Utilize **Ubuntu** as my primary operating system, with additional environments in **RHEL** and **Debian** for hosting services and conducting security audits.
- Perform penetration testing simulations within the lab to understand and mitigate common network vulnerabilities.

Education

West Notts College

- BTEC Level 3 Computer Science
- BTEC Level 2 Computer Science