

Megan Rowley

Junior Sysadmin

Computer Networks and Systems Administration graduate from the University of Sunderland with a placement year at the **NHS Business Services Authority**. Managed **45 Windows and 12 Linux servers** supporting a 2,000 user estate. Holds **CompTIA A+ and Network+** certifications. Runs a home lab with 4 virtual servers on Proxmox, experimenting with Ansible, Docker, and monitoring tools.

SKILLS

Windows Server 2019/2022 • Linux (Ubuntu, CentOS) • Active Directory & Group Policy • PowerShell Scripting • Bash Scripting • Azure (VMs, Storage, Entra ID) • Ansible (Automation) • Docker & Docker Compose • Proxmox (Virtualisation) • Monitoring (Zabbix, Grafana) • Networking (TCP/IP, DNS, DHCP, VLAN) • Backup & Disaster Recovery (Veeam)

LANGUAGES

English - Native

EXPERIENCE

Junior Systems Administrator (Placement Year), NHS Business Services Authority - Jul 2024 - Jun 2025
Newcastle upon Tyne

Placement year in the infrastructure team supporting internal IT systems for 2,000 staff.

- Managed **45 Windows Server 2019/2022** and **12 Ubuntu Linux servers** across on-premises and Azure environments
- Administered **Active Directory** for 2,000 user accounts, including group policy updates, password resets, and access provisioning
- Wrote **8 PowerShell scripts** to automate routine tasks (account onboarding, disk space alerts, log rotation), saving an estimated **6 hours per week**
- Achieved **99.7% uptime** across all managed servers during the placement year, with only 2 unplanned outages

IT Technician (Part-time), Sunderland College, Sunderland

Jan 2023 - Jun 2024

Part-time technician supporting classroom IT across 3 campus buildings.

- Maintained **180 desktop workstations** and resolved hardware and software issues for students and staff
- Re-imaged **60 machines** over the summer break using MDT, completing the project 3 days ahead of schedule

EDUCATION

BSc (Hons) Computer Networks and Systems Administration in Computer Networks and Systems Administration, University of Sunderland, Sunderland

Sep 2021 - Jul 2025

Upper Second Class Honours (2:1, **63% average**). Final year project on *automating server provisioning with Ansible and Terraform on Proxmox* received **70%**.

- Relevant modules: Network Infrastructure, Windows Server Administration, Linux Systems, Cloud Computing (Azure), Virtualisation, IT Security
- Completed placement year at NHS BSA (see experience above)

CERTIFICATIONS

CompTIA A+, CompTIA

Nov 2023 - Nov 2026

CompTIA Network+, CompTIA

Jun 2024 - Jun 2027

PROJECTS

Ansible & Terraform Automation (Final Year Project)

Sep 2024 - May 2025

Built an automated server provisioning pipeline using Ansible and Terraform on a Proxmox cluster.

- Automated the deployment of **4 virtual server templates** (web server, database, monitoring, reverse proxy) from zero to production-ready in **12 minutes**
- Wrote **14 Ansible playbooks** covering OS hardening, package installation, and service configuration
- Reduced manual setup time from **2.5 hours to 12 minutes** per server

Home Lab - Proxmox Cluster

Jun 2023

Runs a home lab on a Proxmox cluster with 4 virtual machines for learning and experimentation.

- Hosts a **Zabbix monitoring server** tracking uptime and resource usage for all VMs
- Runs a **Docker host** with 8 containers including Pi-hole, Nextcloud, and Grafana
- Practices incident response by **simulating outages** and restoring from Veeam backups

REFERENCES

Stuart Henderson, Infrastructure Team Lead, NHS Business Services Authority, stuart.henderson@nhsbsa.nhs.uk, +44 7700 900 647

EXTRA CURRICULAR ACTIVITY

Member - BCS (British Computer Society)

Sep 2023 - Jun 2025

Student member. Attended **4 networking events** and the BCS North East Annual Conference in Newcastle.

Volunteer IT Support – Age UK Sunderland

Jan 2024 – Dec 2024

Provided weekly drop-in IT help for elderly residents. Assisted **50+ individuals** with tablet setup, email accounts, and online safety awareness over 12 months.

r/homelab Community Contributor

Jun 2023

Active contributor on the r/homelab subreddit. Published **3 detailed guides** on Proxmox setup and Ansible automation, collectively receiving over **400 upvotes**.