

VIJAY LALWANI

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SUMMARY

With strong computer science fundamentals and over 3+ years of experience across diverse roles, I bring a unique perspective to solving business problems. Proficient in cloud computing, Linux system administration, automation, network troubleshooting, virtualization, and security implementation.

WORK EXPERIENCE

TVF MEDIA - United Kingdom
INFRASTRUCTURE ENGINEER

08/2022 - Present

- Leveraged deep expertise in **virtualization (VMware, Proxmox)** and **Linux** administration to design, deploy, and manage Infrastructure critical 75 VMs across 34 physical machines.
- Conducted extensive troubleshooting of **NAT, DHCP, DNS, BGP, OSPF** and **VOIP** issues, and configured **routers, switches, and firewalls** to set up and optimize IT infrastructure..
- Proficient in **Linux** system administration, **server hardware** management, and performance optimization. Utilized **Zabbix** and **Grafana** for comprehensive **system monitoring** and **alerting**.
- Designed and implemented **SAN** storage systems with a capacity of 600 TB, meeting the high-capacity data requirements for storing and editing large media files.
- Deployed **Snort IDS**, monitoring network traffic for 24/7 threat detection and response. Implemented **VLANs** to segregate networks, enhancing security and manageability across 8 different departments, protecting sensitive media content and intellectual property.
- Successfully set up **Starlink** satellite internet for 3000 users at a large-scale media festival, ensuring robust and reliable connectivity for live streaming and media coverage.
- Developed and implemented **Python** and **PowerShell** scripts to **automate** routine IT tasks, such as system updates, **backups**, and user provisioning. Achieved record-low system failures in 10 year history, earning a company-wide award.

MEGATECH - United Kingdom
NETWORK ENGINEER CONTRACT

01/2022 – 02/2022

- Implemented and optimized network configurations for high-traffic environments, focusing on latency and reliability.

AWARDS

TVF MEDIA

2023

- Recognized as "**Company-wide Best Performer**" for the lowest failure rate in the company's 10-year history.

NEWCASTLE UNIVERSITY

2022

- Awarded the Vice Chancellor International Scholarship for academic excellence.
- Earned the **NCL+ Award** in recognition of student representation, entrepreneurial initiatives, and extracurricular contributions.

SKILLS

CLOUD: Amazon Web Services (AWS), Azure

LANGUAGES / SCRIPTS: PowerShell, BASH, Python

TOOLS: Microsoft 365 Admin, Active Directory, VMware, Docker, Git, Ansible, Wireshark, Nmap, Zabbix, LDAP

OPERATING SYSTEMS: Red Hat Enterprise Linux (RHEL), CentOS, Ubuntu, Debian, Windows Server

DATABASES: MySQL

EDUCATION

Master of Science (MSc.), Advanced Computer Science
Newcastle University, United Kingdom

09/2021 – 08/2022

Bachelor of Engineering (B.E.), Computer Engineering
Mumbai University, India

08/2017 – 06/2021