ANURUDH SINGH

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SUMMARY

System Administrator with 5+ years of experience in Windows & Linux Server Administration, Virtualization, Networking, Cloud Computing, Cybersecurity, and IT Infrastructure management. Proven expertise in Active Directory, Group Policy, DNS/DHCP, and Microsoft Azure. Skilled in PowerShell scripting, proactive monitoring, and security compliance, with a strong focus on optimizing IT infrastructure, automating workflows, and ensuring high system availability. Certified in AZ-104 (Azure Administrator) and CCNA, with a Master's in Cybersecurity & Networks. Adept at resolving technical issues, implementing new technologies, and mentoring teams in fast-paced environments.

WORK EXPERIENCE

Graduate Research Assistant | Old Dominion University, VA   **Jan 2026 – Present**

Network System Engineer | SejalIT Inc, CA, USA   **Feb 2025 – Jan 2026**
- Provide IT support for desktops, servers, and network infrastructure to ensure reliable daily operations and timely issue resolution.
- Administer and maintain Windows Server, Active Directory, DNS, DHCP, and related system services.
- Manage and optimize VMware environments, including virtual machine provisioning, monitoring, and backups.
- Configure and maintain network components such as firewalls, VPNs, switches, and VLANs for secure connectivity.
- Utilize automation and scripting tools (e.g., PowerShell, Ansible) to streamline administrative and operational tasks.
- Support infrastructure projects, hardware deployment, and documentation to ensure system performance, compliance, and efficiency.

IT Specialist 2 | State of NY, NYS ITS, USA   **May 2024 – Feb 2025**
- Administered 500+ Windows servers and VMware ESXi/Hyper-V clusters across multiple state departments.
- Automated 60+ administrative tasks with PowerShell and Ansible, improving operational efficiency by 40%.
- Configured and maintained Active Directory, Group Policy, DNS, and DHCP for 5,000+ users.
- Performed rolling upgrades and patch management across 200+ servers with less than 1% downtime.
- Implemented disaster recovery & backup solutions and SAN storage, ensuring data integrity & faster recovery times.
- Monitored server performance and capacity, tuning systems for maximum availability.

IT Engineer | Technozlife Information Technology Pvt. Ltd, Nepal   **Apr 2020 - Dec 2021**
- Installed and supported Windows servers and Active Directory domain services.
- Managed DHCP/DNS services and optimized configurations to prevent downtime.
- Troubleshoot VoIP, LAN/WAN, and Windows systems, reducing ticket escalations by 30%.
- Assisted in system performance monitoring and capacity planning.

IT Support Specialist | United Nations Development Programme UNDP, Nepal   **Feb 2018 - Mar 2020**
- Deployed and maintained Microsoft 365 and Intune policies, ensuring compliance with organizational standards.
- Provided L2/L3 technical support for 1,000+ users, reducing resolution times by 30%.
- Assisted in system upgrades, security patching, and user account administration.
- Led IT infrastructure projects, including Windows server deployments and e-governance systems.
- Implemented security measures to improve data protection and uptime.
- Enhanced system efficiency, reducing service request processing times by 75%.

INTERNSHIP

Network Security Analyst Intern, SVK Technology Solutions, NJ   **Jun 2023 - Aug 2023**
- Analyzed network traffic using Wireshark and Splunk, reducing incident response times by 40%.
- Configured firewalls and VPNs, strengthening network security and compliance.
- Investigated and correlated cybersecurity incidents via Trend Vision One and Arctic Wolf, enabling faster threat containment and improving SOC alert accuracy.

SKILLS

System Administration: Windows Server (2016–2022), Linux, AD, GPO, IIS, SQL Server, Failover Clusters, Microsoft Exchange, WSUS, SCCM, Windows 7/10/11, Office 365, SharePoint
Virtualization & Storage: VMware ESXi, Hyper-V, SAN/NAS, Veeam, Backup & Recovery
Cloud & Security: Microsoft Azure, Intune, Entra ID, IAM, MFA, Endpoint Security, Patch Management, IDS/IPS
Networking: Cisco Routers/Switches, VLANs, ACLs, VPN, TCP/IP, DNS, DHCP, LAN/WAN, VoIP
Automation & Scripting: PowerShell, Ansible, Python
Monitoring & Tools: SolarWinds, Wireshark, Splunk, Lansweeper, ServiceNow, RMM, Microsoft 365, Teams, SharePoint, Exchange Online, Spiceworks, Trend Vision One, Arctic Wolf
Soft Skills: Documentation, Cross-Team Collaboration, Problem Solving, Process Automation

EDUCATION/CERTIFICATIONS:

- **PhD |** Old Dominion University| Norfolk, VA | **2026**
- **Masters in Cybersecurity & Networks |** University of New Haven | West Haven, CT | **2022 - 2024**
- **Bachelors in Computer Engineering |** Tribhuvan University | Pokhara, Nepal | **2013 - 2017**

- Cisco Certified Network Associate (CCNA) - Sept 2023
- Microsoft Azure Administrator (AZ-104) - Feb 2025