Samuel B

Network Administrator

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Professional Summary

Results-driven **Network Administrator** with 3.5 years of experience in **enterprise-scale systems and multi-vendor network environments**. Expertise in **Aruba Networks, Infoblox DDI, FortiGate firewalls**, and **proxy services**. Skilled in **automation** with Python, PowerShell, and API integrations, reducing manual effort and improving efficiency. Proficient in **cloud networking (AWS, Azure)**, **SD-WAN**, and network security. Strong background in **ITIL** Process and aware of **Agile**, and **DevOps** methodologies. Adept at troubleshooting complex network issues, implementing secure connectivity, and collaborating with cross-functional teams.

Professional Experience

Network Administrator | Tata Consultancy Services – Bangalore, India | Aug 2023 – Present

- Managed deployment and lifecycle of **Aruba infrastructure** including IAPs, Controllers, Aruba Central, ClearPass Policy Manager, Aruba UXI, and ArubaOS.

- Configured **Aruba switches** with Zero Touch Provisioning (ZTP) for faster onboarding.

- Automated **Aruba Central** and **ClearPass** bulk operations using Python, PowerShell, and Excel macros.

- Implemented secure access solutions with **802.1X, RADIUS, TACACS+**, and role-based access control in ClearPass.

- Administered **FortiGate firewalls** (policies, site-to-site VPNs, IPSec tunnels) and **F5 Load Balancers** (VIPs, pools).

- Managed **Infoblox IPAM** (network objects, DHCP/DNS, grid upgrades) and **UltraDNS** for public DNS management.

- Troubleshot **Wi-Fi/WLAN**, endpoint connectivity, and WAN performance issues across retail and depot networks.

- Coordinated **major incident management**, collaborating with global teams and vendors to restore services.

- Led project coordination, deployment tracking via **Excel** and **ServiceNow**, and stakeholder communications.

Systems Administrator | Tata Consultancy Services – Chennai, India | Dec 2022 – Aug 2023

- Administered **Windows-based systems** across retail, depot, and logistics environments.

- Managed incidents using **ServiceNow** and provisioned virtual machines via **VMware**.

- Led **Active Directory** administration, **Group Policy** configuration, and OU structuring.

- Automated system administration tasks with **PowerShell scripts**, improving operational efficiency.

- Deployed and configured endpoint security solutions: **Microsoft Defender, Carbon Black, Guardicore**.

Trainee – System Administrator | Tata Consultancy Services – Trivandrum, India | Dec 2021 – Dec 2022

- Managed **Wintel ticket queues** 24/7, meeting SLA targets.

- Performed patch management, OS upgrades, and maintenance activities.

- Worked with clients to resolve escalated technical issues.

Education

- **B.E. – Mechanical Engineering**, Government College of Engineering, Bargur (2021) | CGPA: 8.23

- **Higher Secondary**, Sri Vijay Vidhyala Matriculation School (2017) | 94%

- **SSLC**, Eternal Light Matriculation School (2015) | 98%

Certifications

- **CCNA** – Cisco Certified Network Associate – Udemy (2025)

- **AZ-104** – Microsoft Certified Azure Administrator Associate – Microsoft (2023)

- **Certified Kubernetes Administrator (CKA)** – Edureka (2023)

- **DevOps Engineer Certification** – Edureka (2023)

Technical Skills

Networking & Infrastructure: Aruba Switches, IAPs, Wireless Controllers, ArubaOS, Cisco Switches/Routers, ACLs, IPAM, DNS, DHCP

Security & Authentication: FortiGate Firewalls, FortiManager, FortiAnalyzer, VPN Tunnels, 802.1X, MAB, RADIUS, TACACS+

Protocols: MPLS, RIP, OSPF, EIGRP, STP, RSTP, PVST, MST, NAT, Aruba VSX, FTP, SCP

Cloud & Virtualization: Azure, AWS, VPC, Transit Gateways, SDN, SD-WAN, VMware

Tools & Platforms: Aruba Central, ClearPass Policy Manager, Infoblox DDI, Aruba UXI, UltraDNS, Wireshark, ServiceNow

Monitoring & Analytics: Spectrum, NetFlow, Zabbix, Splunk, Grafana

Scripting & Automation: PowerShell, Python, Advanced Excel, Microsoft 365 Workflows

Frameworks & Methodologies: ITIL, Incident/Problem/Change Management, Agile, DevOps

Soft Skills: Troubleshooting, Communication, Documentation, Collaboration, Mentoring, Continuous Learning

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Interests: Music, Singing, Reading