Anika Bauer Senior Network Administrator

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PROFILE SUMMARY

- **Senior Network Administrator** with **7 years** in healthcare networks, now running switching, Wi-Fi and access control for **a large academic medical campus** and its **regional clinics**.
- Hands-on with **Cisco Catalyst** and **Nexus**, **HPE Aruba Networking** Wi-Fi, **Cisco ISE**, Cisco Secure Firewall, **Infoblox**, SolarWinds NPM and **Python** with Netmiko, and holds the **CCNP Enterprise**.
- Strongest in **medical device segmentation**, **802.1X rollouts** and **clinic Wi-Fi redesigns**, and plans every change around surgery schedules and **EHR downtime windows**.
- Works with **clinical engineering**, information security, the EHR team and the service desk, and presents network changes at the **weekly change advisory board**.
- Mentors **3 junior admins** through their CCNA and their first on-call weeks, and wrote the team's **switch replacement runbook**.

TECHNICAL SKILLS

Switching & Routing:	Cisco Catalyst 9300 and 9500, Cisco Nexus 9000, VLANs, OSPF, BGP, HSRP, LACP
Wireless:	HPE Aruba Networking (Aruba Central), Ekahau AI Pro, WPA3-Enterprise, Wi-Fi 6E
Security & Remote Access:	Cisco ISE, 802.1X, RADIUS, Cisco Secure Firewall, Cisco Secure Client, IPsec VPN
WAN & SD-WAN:	Cisco Catalyst SD-WAN, MPLS, LTE failover, QoS for voice
Network Services:	Infoblox, DNS, DHCP failover, IPAM, NTP
Monitoring & Troubleshooting:	SolarWinds NPM, NetFlow, Wireshark, SNMPv3, Syslog, ServiceNow
Automation & Documentation:	Python, Netmiko, Git, NetBox, Visio

EDUCATION

Cisco — **CCNP Enterprise certification** — Online · Sep 2023

University of Minnesota — **B.A.S. in Information Technology Infrastructure** — Minneapolis, MN · Aug 2015 to May 2019

WORK EXPERIENCE

Mayo Clinic — Senior Network Administrator — Rochester, MN · Mar 2022 to Present

- Moved **8,200** clinical devices (infusion pumps, patient monitors, imaging carts) behind **Cisco ISE** profiling with 802.1X or MAB, putting each device type in its own VLAN with clinical engineering's sign-off.
- Redesigned Wi-Fi in 3 inpatient buildings with **Ekahau** surveys and **HPE Aruba Networking** Wi-Fi 6E access points, cutting roaming drops on nurse phones by **62%**.
- Replaced **410** end-of-life access switches with **Catalyst 9300** stacks in overnight windows planned around surgery schedules, without a single unplanned clinical outage.
- Set up **Infoblox** DHCP failover for **1,100** campus scopes after a server reboot left an imaging floor without addresses, and no scope has gone down since.
- Wrote **Python** and **Netmiko** scripts that compare every switch to the standard config each night and log drift in **NetBox**, cutting open drift findings from **190 to 12**.

Optum — Network Administrator — Eden Prairie, MN · Jul 2019 to Feb 2022

- Moved **14** clinic sites from MPLS to **Cisco Catalyst SD-WAN** with LTE backup, keeping call quality steady while cutting monthly circuit costs by **27%**.
- Cleaned up **Cisco ASA** rule sets at 5 regional offices with owner reviews, removing **620** unused rules before the move to Cisco Secure Firewall.
- Tuned **SolarWinds NPM** alerts for 2,400 interfaces and wrote a P1 checklist for on-call, bringing the median time to restore a clinic outage from **95 to 35 minutes**.