



Sarah West

NETWORK ENGINEER

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Details

Driving license
Full

Place of birth
San Antonio

Profile

Network Engineer bringing 8 years of experience in network design, network administration, escalation support, and systems administration. Adept in delivering technical support, managing network operations, and maintaining enterprise-wide area networks across multi-platforms and high uptime Data Center environments.

Employment History

Senior Network Engineer, Standard Bank, Arkalyk

January 2021 — Present

Responsible for optimizing network performance and increased reliability by maintaining hardware and software, analyzing technical issues, and ensuring system users' availability for a 1500 user facility.

- Managed the development, installation, and management of organization-wide local area network, network segment, wide area network, and internet system.
- Delivered Tier 1 network ticketing support to resolve all issues for 550+ users
- Executed the maintenance window changes for multiple locations, performing troubleshooting of routing, and switching issues.
- Implemented and migrated a major client to VPLS circuits, which resulted in robust and seamless connectivity between two different carriers.
- Inherited an MPLS project that was off-track; liaised with the parent company to deliver a solution with increased availability, security, and visibility ahead of the project schedule.

Network Engineer, Wells Fargo, Knoxville

January 2018 — November 2020

Responsible for Upgrading Windows NT/2000 and Novell NetWare 5.1 environments and installing configuring, and maintaining Cisco routing and switching equipment in a 1500 user environment.

- Ensured smooth end-to-end communication by delivering support for Video Conferencing System (Cisco VCS/TMS).
- Designed, configured, and installed all Data Center Network Devices to support 1500+ users, including ran cables, routers, ports,
- Successfully resolved routing issues within multiple contexts of the Cisco ASA firewall.
- Maintained BIG IP F5 APM VPN and provided solutions for complex issues.
- Operational tasks included solving VPN, switching, Bluecoat proxy, and routing issues.

Education

Master of Science in Computer Engineering, University of Florida, Jacksonville Beach

January 2020 — January 2021

Bachelor of Science (MS), Electrical Engineering (Computer Networks), niversity of Southern California, Los Angeles

January 2016 — November 2019

Relevant coursework:

- Computer Systems Organization
- Design and Analysis of Computer Communication Network
- Optical Fiber Communication Systems
- Stochastic Network Optimization
- Mobile Communications

Skills

Port Address Translation (PAT)



Network Address Translation (NAT)



Access Control List (ACL)



Wireshark



MPLS



Achievements

- Detected 27+ network vulnerabilities by testing infrastructure security and tracking potential threats to the network.
- Implemented and managed 370+ node network and client database for four years as Senior Network Engineer.
- Re-design a network infrastructure of over 130 Cisco devices which resulted in revenue savings of over \$150,000 a year due to elimination of unneeded WAN circuits.
- Skilled in tracking details, communicating deadlines, and following-up with key personnel resulting in 10 medium to large scale projects being completed on-time or ahead of schedule and to standard.

Courses

Juniper Networks Sales Specialist Wireless, Juniper Academy, Online.

January 2021 — January 2021

Hobbies

Rock Climbing, Music, Drama

Languages

English



Spanish