

Jesus Meza | Senior Network Engineer

Chicago, IL | Jesusmeza192168@gmail.com | (773)-814-6959

EDUCATION/CERTIFICATIONS

Cisco Certified Network Associate (**CCNA**) – 200-301

Cisco Certified Network Professional (**CCNP**) – 350-401 ENCOR

Juniper Networks Certified Associate, Junos (**JNCIA-Junos**)

Working towards **PCSNE**

B.S. — Network Engineering & Security (in progress) • Western Governors University

PROFESSIONAL EXPERIENCE

HCLTech - Under the Ascension Health IL Project - includes 12 hospitals 3 data centers and 100+ clinics
Senior Network Engineer | Illinois | July 2023 – Present

- **Architected and maintained Palo Alto PA-series firewalls**—built 120-plus security/NAT policies
- **Accelerated hospital divestiture timeline** by writing a **Python/Netmiko script** that auto-identified switch ports via MAC and re-assigned VLANs; **re-configured 200 devices in <4 hrs** versus an estimated 3-day manual effort, zero mis-tags
- Hand-picked for the **national Major Incident Bridge (MIB) team** to lead rapid triage and **restoration of P1 network outages**, protecting mission-critical uptime across the enterprise.
- **Mentored fellow Network Engineers**, troubleshooting complex tickets together and up-skilling the team for faster, **first-pass resolutions**
- **Extensive hands-on experience configuring and supporting Cisco Nexus 9K, 7K, and 5K platforms**, including vDCs, LACP port channels, access control lists (ACLs), and routing protocols such as OSPF and BGP.
- **Expert-level Layer 3 troubleshooting** with advanced proficiency in OSPF, BGP, and EIGRP, resolving complex routing and network convergence issues in enterprise networks.
- **Eliminated guest Wi-Fi congestion** across 10 hospitals by upgrading to 10 Gb SFP uplinks and doubling Comcast circuit capacity (1 Gb→2 Gb), **dramatically reducing guest-Wi-Fi tickets**

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Network Engineer | Illinois | February 2022 – July 2023

- **Resolved major hospital-wide network slowness issues** using **NetFlow, Wireshark**, and packet captures to analyze and mitigate bandwidth-heavy sources.
- **Migrated two flagship hospitals from Catalyst 2900/3650/3850 edge to 9300 stacks and cores from 6500 VSS to 9600 VSS, plus Wi-Fi 6 Aruba APs with minimal downtime**
- **Engineered dual-homed vendor connectivity**: stood up two BGP sessions and redistributed into OSPF as Type-1 externals, ensuring ECMP preference and 0 % asymmetry during cut-over—**kept project on schedule and ensured utilization of both circuits**
- **Advanced expertise in Layer 2 protocols** including STP, RSTP, MST, VLANs, vPC, LACP, and trunking, ensuring network redundancy and stability in complex enterprise networks

IDC Technologies - Alexian Health Medical Center and Resurrection Medical Center

Field Service Engineer | Illinois | August 2021 – January 2022

- Installed and configured network hardware across multiple hospital sites, collaborating with senior engineers on switch deployments and VLAN cut-overs.

West Leyden High School

IT & Networking Intern | Illinois | 2017 – 2021

- Assisted IT staff with troubleshooting computers, setting up networks, and managing hardware.

SKILLS & TECHNOLOGIES

Networking: Cisco Catalyst, Cisco Nexus (9K/7K/5K), Cisco ISR Routers, Extreme VSP, Aruba and Cisco Wireless, Palo Alto Firewalls, SolarWinds, Wireshark

Protocols/Technologies: OSPF, BGP, EIGRP, EVPN, STP, RSTP, MST, vPC, LACP, ACLs, NAT, IPSec VPN, HSRP, VRRP, QoS, Multicast (PIM/IGMP)

Security: Palo Alto NGFW, 802.1X, NAC, VPN (IPSec, SSL, GlobalProtect), Network Segmentation

Automation: Python (Netmiko)