



## PROFESSIONAL SUMMARY

Dedicated network engineer with strong knowledge of project management, team leadership, and network analysis & design

Proven talent for aligning business strategy and objectives with technology management paradigms to achieve maximum operational impacts with minimum resource expenditures. Quality-focused thought leader who is recognized for developing and deploying impactful technology solutions, ensuring optimal quality and functionality across operations, and spearheading key projects. Exceptionally dedicated professional with keen interpersonal, communication, and organizational skills, as well as change management, strategic planning, and resource allocation expertise.

- Network Engineering
- Project Coordination
- Network Analysis & Design
- Inventory Management
- Contract Negotiation with ISPs
- Electrical Engineering
- Installation & Configuration
- Technical Support
- Issue Resolution
- Customer Service
- Troubleshooting
- Presentations

### CORE COMPETENCIES

## PROFESSIONAL EXPERIENCE

COMPASS HEALTH NETWORK INC., BOULDER, CO

**NETWORK ENGINEER II**, Feb 2021 to Present

- Maintain responsibility for supporting and managing a multi-location network infrastructure of 3.5K+ employees.
- Researching, testing, analyzing and implementing of different IT vendor products used organization wide.
- Implemented defense in depth approach for Network Security by implementing different layers of security across the organization includes EDR: Sentinel One, Firewalls: FortiGate, PAM: Thycotic, SSO: Okta, Physical: Badge Access and Mac Filtering, and SIEM/IDS: Arctic Wolf.
- Mentoring, guiding, training the juniors and other members of the team.

**NETWORK ENGINEER I**, Apr 2018 to Feb 2021

- Supported 250 Aruba (2910 al/2920/2930), HP (Pro Curve), and Cisco Meraki switches (MS 120, 210, 225, 250).
- Leveraged strong communication skills to negotiate contracts with ISP providers and save 15% of MRC.
- Implemented 150 Meraki Access Points (MR 32, 33, 74) and 50 Fortinet FortiGate 60E Firewalls.
- Supported the successful migration of Layer 2 and Layer 3 Aruba Switches to Meraki MS 120, MS 210, and MS 250.
- Spearheaded the deployment and implementation of VeloCloud SD-WAN (Edge 520, 540, 840, 2000) spanning 40 branch locations and supported the establishment of the data center.
- Utilized ZScaler to oversee and maintain organization-wide internet security, including managing user security access and developing security policies.
- Reviewed release notes, upgraded firmware across all network infrastructure, and developed both business and security policies for SD-WAN and security policies for firewalls.
- Assessed backup requirements and power usage to define UPS standards for 70 branch locations.
- Optimized network operations while reducing downtime by utilizing PRTG, IPAM, Wireshark, Ping, Trace Route, Nslookup, Putty, Graffana, and other network tools.
- Lead a range of rack design projects and created a new design in order to improve air flow and accessibility.
- Tasked with overseeing inventory for all network infrastructure, including streamlining inventory management using Manage Engine Service Desk Plus software and deploying asset tags to identify and track equipment.
- Aligned objectives and bridged communications with vendors, including Cisco, SHI, Monoprice, APC, Eaton, CenturyLink, Spectrum, Socket, Mediacom, and more, to drive business development and resolved RMA issues.

JOE'S DATACENTER LLC, KANSAS CITY, MO

**NOC TECHNICIAN**, Jan 2018 to Apr 2018

- Provided exceptional service while responding to phone calls and emails from clients requesting technical assistance and support.
- Managed business-critical systems and proactively identified, escalated, and resolved technical issues within a fast-paced datacenter environment.
- Performed installations and repairs for computer/server hardware and software.
- Completed and maintained logs of ingoing and outgoing customer equipment and performed cleaning.
- Entrusted with managing automated systems, end user incident and outage reporting, and issue resolution and troubleshooting.
- Installed switches, routers, and firewalls into racks and configured routing, switching, and remote access protocols as well as security policies for firewalls.
- Troubleshot and resolved relevant issues following the aforementioned efforts.
- Prepared reports outlining up time, bandwidth usage, server utilization, and other key metrics.

CENTILLIONZ., PISCATAWAY, NJ

**Network Engineer**, NJ, Sept 2017 to Jan 2018

- Collaborated with internal departments to build and maintain network infrastructures that meet business needs.
- Optimized and upgraded LAN infrastructure (Cisco Switches, Access Points).
- Created a lab environment to test firmware of Cisco Switches and installed equipment in the Racks as assigned by Senior Engineers.
- POC of any new network infrastructure that company wanted to implement for their clients.

HIXXA COMMUNICATIONS INC., KANSAS CITY

**FIELD TECHNICIAN**, MO, Aug 2016 to Dec 2016

- Processed and resolved trouble tickets for network devices at third-party locations, including Walmart, Dollar General, and State Farm.
- Gained experience working with Port-Security, VLANS, Trunking (802.1q), Inter VLAN Routing, STP, Ping, Traceroute, and more.
- Collaborated with client teams, including test desk, field service, and dispatch to support the resolution of escalated issues.
- Traveled to NOCs to ensure proper equipment functionality and maintained accurate notes.

CLUSTER INFOTECH PVT. LTD., HYDERABAD, INDIA

**INTERN**, May 2013 to June 2013

- Delivered high-quality technical support to 30+ employees on-site and by phone/email for desktops and laptops, gaining experience with software installation, printer setup, network setup, and issue diagnosis.
- Adhered to established standards and best practices while setting up, configuring, and repairing both new and existing computers.

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## EDUCATION AND CREDENTIALS

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**Master of Science (M.Sc.) in Network Engineering, 2022-2024;** *University of Colorado Boulder, CO, USA; Relevant Coursework: Network Programming, Linux Administration*

**Master of Science (M.Sc.) in Electrical Engineering (GPA: 3.43), 2017;** *University of Missouri, Kansas City, MO, USA; Relevant Coursework: Wireless Networking, Principles of Digital Communication, Wireless Communications*

**Bachelor of Technology (B.Tech.) in Electronics & Communication Engineering (GPA: 3.10), 2015;** *R.V.R. & J.C. College of Engineering, Guntur; Relevant Coursework: Computer Networks, Switching Networks, Professional Ethics, Communication Skills*

**Certifications:** CCNA; Fortinet NSE 1-2; ITIL; CMNO; Security+; Network+; A+; MTA: Networking Fundamentals

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## TECHNICAL PROFICIENCIES

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- **LAN/WAN Technologies:** VLAN, VTP, Inter-Vlan routing, STP, RSTP, PVST+, 802.1x, MPLS, SD-WAN, DIA, Fiber, Cable, DSL, LTE
- **Network Security:** NAT/PAT, ACL, Policy Based Filtering, Virtual Ips, IPS/IDS, Secure Web Gateways
- **Routing Protocols:** RIP, EIGRP, OSPF, BGP
- **Infrastructure Services:** DHCP, DNS, NTP, SMTP, Syslog, FTP
- **Network Management:** SNMP, SSH, Telnet, ICMP, IPAM, SolarWinds Orion, Meraki Dashboard, PRTG, Ops Genie, Confluence
- **OS & Virtualization:** Windows XP/7/10, MS DOS, UNIX, Linux (CentOS, Ubuntu), VMware Workstation, ESXi
- **Protocol Analyzers:** Riverbed, Wireshark, TCPdump

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## AWARDS AND HONORS

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- Appreciation for Services & Commitment in the development of S.P.K.H. Government High School by the District Education Officer and Regional Joint Director of School Education, Guntur
- Second Runner Up, Gudville Ripple Awards Campaign, Apr 2014

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## VOLUNTEERISM AND EXTRACURRICULAR ACTIVITIES

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- Campus Ambassador, R.V.R. & J.C. College of Engineering
- Leader, Hope: Youth are the Hope for Better Change Organization

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## ADDITIONAL INFORMATION

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**Languages:** English, Telugu, Hindi

**Interests:** Reading (Non-Fiction), Catch the Flag Challenges, National Parks, Meetups, Exploring Different Cultures, Food Tasting, Hiking, Investing.