NIPUN GOGINENI

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PROFESSIONAL SUMMARY

Strategic IT leader with a strong background of guiding innovative teams and delivering scalable, enterprise-grade IT solutions that align with business goals and drive operational efficiency.

CORE COMPETENCIES

- IT Strategy & Leadership
- Network & Security
- Technical Team Development
- Project Management

- Contract Negotiation
- Infrastructure Management
- Application Architecture
- Technical Support

- Cloud Technologies
- Customer Service
- DevOps
- UI/UX

PROFESSIONAL EXPERIENCE

COMPASS HEALTH INC., BOULDER, CO
DIRECTOR OF APPLICATION DEVELOPMENT, Sept 2023 to Present
- Strategically aligned IT initiatives with business goals, identifying opportunities to enhance operational efficiency, reduce costs, and improve business outcomes through targeted technology solutions and data-driven decision-making.
- Directed full-stack development of enterprise-grade web and mobile applications using MERN and Flask/Python stacks, integrating UI/UX best practices via Figma and Adobe Creative Cloud to deliver scalable, user-centric solutions that meet evolving business needs.
- Led organization-wide adoption of Agile, DevOps, and cloud infrastructure practices, implementing CI/CD pipelines, automation and AWS to accelerate delivery, improve system reliability, and optimize infrastructure spend.
- Utilized project management platforms including Gitlab, Trello, Asana, and ManageEngine ServiceDesk Plus
- Oversaw cross-functional engineering teams and vendor relationships, managing incident response, disaster recovery planning, and performance monitoring while ensuring documentation, SLAs, and security protocols met enterprise standards.

NETWORK ENGINEER II, Feb 2021 to Sept 2023
- Maintain responsibility for supporting and managing a multi-location network infrastructure of 3.5K+ employees.
- Researched, tested, and implemented organization-wide IT vendor solutions, deploying a multi-layered defense-in-depth security strategy using SentinelOne (EDR), FortiGate (firewalls), Thycotic (PAM), Okta (SSO), Arctic Wolf (SIEM/IDS), and physical controls like badge access and MAC filtering.
- Configured and maintained Cisco ISR 4000 Series routers using BGP and OSPF protocols, Cisco Nexus 9300 Series switches and FortiGate firewalls (600D, 100D, 60E).
- Designed and executed network architecture plans, including capacity planning and vendor evaluations, to support business growth and future scalability.
- Managed branch wireless and wired infrastructure using Cisco Meraki, HP Aruba, VeloCloud, and Fortinet technologies, ensuring high availability and performance.
- Mentored junior engineers, led root cause analysis for service interruptions, and contributed to knowledge base improvements and operational tool accuracy.

NETWORK TECHNICIAN/NETWORK ENGINEER I, Apr 2018 to Feb 2021
- Supported and maintained over 250 switches across Aruba (2910al/2920/2930), HP ProCurve, and Cisco Meraki (MS120, MS210, MS225, MS250); configured Cisco ISR 4000 Series routers with BGP and OSPF protocols and administered Cisco Nexus 9300 switches and with Layer 2 and layer 3 protocols for high-performance enterprise network connectivity.
- Implemented 150 Meraki Access Points (MR32, MR33, MR74) and FortiGate firewalls (600D, 100D, 60E), enhancing wireless coverage and network security across multiple locations.
- Spearheaded the deployment of VeloCloud SD-WAN (Edge 520, 540, 840, 2000) across 40 branches and a datacenter; led firmware upgrades and developed business and security policies for SD-WAN and firewall infrastructure
- Negotiated ISP contracts to reduce monthly recurring costs (MRC) by 15%
- Utilized ZScaler to manage organization-wide internet security, including user access control and policy development for web traffic.
- Assessed backup and power requirements to define UPS standards for 70 branch locations; led rack design initiatives to improve airflow and accessibility and streamlined inventory management using ManageEngine ServiceDesk Plus by deploying asset tags and tracking all network infrastructure assets.
- Optimized network operations and reduced downtime using tools such as PRTG, IPAM, Wireshark, Ping, Trace Route, Nslookup, Putty, and Grafana
- Collaborated with vendors including Cisco, SHI, APC, Eaton, and multiple ISPs to resolve RMA issues and align infrastructure objectives with business needs.

JOE'S DATACENTER LLC, KANSAS CITY, MO
NOC TECHNICIAN, Jan 2018 to Apr 2018
- Delivered exceptional technical support by responding to client inquiries via phone and email, managing end-user incidents, and resolving outages in a data center environment; performed hardware/software installations and repairs for servers and workstations.
- Installed and configured switches, routers, and firewalls in rack environments, implementing routing, switching, remote access protocols, and firewall security policies; troubleshot and resolved network issues to ensure optimal system performance.
- Maintained detailed logs of customer equipment, prepared uptime and utilization reports, and managed automated systems for monitoring; ensured cleanliness and organization of equipment while supporting operational efficiency and compliance.

COMTEK GLOBAL INC DBA CENTILLIONZ., PISCATAWAY, NJ
NETWORK ENGINEER, Sept 2017 to Jan 2018
- Collaborated with internal departments to build and maintain network infrastructure (Cisco Switches, APs) that meet business needs.
- 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 the company wanted to implement for their clients.

HIXXA COMMUNICATIONS INC., LEES SUMMIT, MO
FIELD TECHNICIAN, Aug 2016 to Dec 2016 (Part Time)
- 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.

EDUCATION AND CREDENTIALS

Master of Science (M.Sc.) in Network Engineering (GPA: 3.97), 2025; *University of Colorado, Boulder, CO, USA; Relevant Courses: Network Programming, Linux Administration, Finance for Engineering Managers, Datacenter Scale Applications, Data Analytics & Visualization*

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

Bachelor of Technology (B.Tech.) in Electronics & Communication Engineering (GPA: 3.10), 2015; *Acharya Nagarjuna University, Guntur, AP, India; Relevant Courses: Computer Networks, C Programming, Data Structures Using C++, Java, Web Technologies*

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

TECHNICAL PROFICIENCIES

- **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, Zscaler, Firewalls (Palo Alto and Fortinet)
- **Protocols:** IPv4, IPv6, RIP, EIGRP, OSPF, BGP, DHCP, DNS, NTP, SMTP, Syslog, FTP
- **Web Technologies & UI/UX:** Python, Bash, Ansible, HTML, CSS, JS (MERN), Figma, Miro, Adobe Creative Cloud
- **Network Management:** SNMP, SSH, NetFlow, sFlow, ICMP, IPAM, SolarWinds, Netmiko, NAPALM, PRTG, Ops Genie, Confluence
- **OS & Tools:** Windows 11, Linux, Asana, Manage Engine, Jira, Git, GitHub, Gitlab, Jenkins, Prometheus, Grafana

AWARDS AND HONORS

- Aiming to be B2 (Better and Better) Award – Compass Health, Inc (2025)
- AWS Imagine Grant Discretionary Award – Recognized for innovation in Wellbeing healthcare solution (2024)
- Received the Racal-Milgo Award of Excellence, Accenture/Butterfield Graduate Fellowship, and placed 1st in the Arista Networking Quiz at the University of Colorado Boulder (2022–2025).
- Earned 3rd place in the CU Interdisciplinary Ethics in Tech Competition, Silicon's Flatirons Daniels Ethics Fund Initiative (2025).
- Appreciation for service and commitment to S.P.K.H. Government High School – Recognized by District Education Officer and Regional Joint Director of School Education, Guntur (2014)
- Second Runner-Up – Gudville Ripple Awards Campaign (2014)