Sarath Chandra Pulipati

Hartford, CT

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PROFESSIONAL SUMMARY

Dedicated Network & Security Professional with a Master of Science in Cybersecurity and dual certifications in CCNA and CompTIA Security+. Offers nearly three years of experience in network administration, identity management (IAM), and secure system operations. Proven expertise in configuring enterprise-grade network infrastructure, managing cloud-first environments (Azure/Entra ID), and implementing defense-in-depth security strategies. Seeking Network Engineer, SOC Analyst, or System Administrator roles to leverage strong analytical skills in maintaining resilient, secure, and high-performance IT ecosystems.

TECHNICAL SKILLS

- **Networking:** Cisco IOS, Routing & Switching (OSPF, EIGRP, BGP), VLANs, STP, Subnetting, DNS, DHCP, Firewalls, IDS/IPS, Network Traffic Analysis, VPNs, NAT/PAT.
- **Security & SOC:** SIEM (Splunk, Wazuh), Vulnerability Assessment (Nessus), Penetration Testing (Metasploit, OWASP ZAP), Malware Analysis, Incident Response, Access Control, Encryption.
- **Systems & Identity:** Linux (RHEL/Ubuntu), Windows Server 2019/2022, Microsoft Intune, Microsoft Entra ID (Azure AD), Active Directory (AD DS), Group Policy (GPO), RBAC.
- **Tools & Virtualization:** Wireshark, Cisco Packet Tracer, VMware, VirtualBox, Git, GitHub.
- **Scripting:** Python, PowerShell, Bash, SQL.

PROFESSIONAL EXPERIENCE

University of New Haven West Haven, CT
Graduate Teaching Assistant – Windows Network Administration Jan 2025 – Dec 2025
- Facilitated enterprise-scale network simulations, guiding students in the deployment of virtualized Windows Server 2022 domains and Windows 10/11 endpoints.
- Managed Active Directory Domain Services (AD DS), overseeing user lifecycle management, group nesting, and Organizational Unit (OU) structure design.
- Configured and verified core network services including DNS zones and DHCP scopes to ensure seamless connectivity across virtual subnets.
- Deployed and successfully tested complex Group Policy Objects (GPOs) to enforce security baselines, logon restrictions, and desktop environments.
- Validated web server functionality by installing and configuring IIS, ensuring proper service availability and port access.
- Administered file services (FS), implementing NTFS permissions, DFS namespaces, and storage quotas via FSRM.

PSK Group Remote (Hyderabad, India)
Security & Systems Engineer Dec 2022 – Oct 2024
- Architected and maintained a secure, cloud-first IT infrastructure, prioritizing Identity and Access Management (IAM) and zero-trust principles.
- Administered Microsoft Entra ID (Azure AD) to secure authentication for internal staff and external vendors, ensuring strict role adherence.
- Enforced security policies via Conditional Access policies and Multi-Factor Authentication (MFA), significantly reducing unauthorized access risks.
- Managed device compliance and endpoint security through Microsoft Intune, deploying encryption (BitLocker) and application protection policies.
- Orchestrated user lifecycle management via Joiner-Mover-Leaver (JML) automation, streamlining provisioning and revoking access to prevent privilege creep.
- Monitored security logs and device health metrics using Microsoft Defender, proactively identifying and mitigating malware threats and suspicious login attempts.

- Supported hybrid identity environments, integrating on-premise Active Directory components with cloud resources.

EDUCATION

University of New Haven West Haven, CT
Master of Science in Cybersecurity and Networks Jan 2024 – Dec 2025
University of Rome Tor Vergata Rome, Italy
Bachelor's Degree in Information and Communication Technology Sep 2019 – Jul 2023

CERTIFICATIONS

Cisco Certified Network Associate (CCNA) Issued Feb 2026 – Expires Feb 2029
CompTIA Security+ Issued Jan 2026 – Expires Jan 2029

KEY PROJECTS

Enterprise Network Design & Simulation *Tools: Cisco Packet Tracer*
- Designed a scalable multi-branch enterprise network architecture, implementing VLAN segmentation to isolate departmental traffic.
- Configured inter-VLAN routing and dynamic routing protocols to ensure optimal data paths and network redundancy.
- Hardened network devices by applying port security, configuring ACLs, and securing VTY lines against unauthorized access.

Cyber Forensics Investigation *Tools: Autopsy, FTK Imager, Wireshark*
- Executed a comprehensive digital forensic investigation on disk images (.E01) and packet captures (.pcap) to reconstruct a simulated data breach.
- Analyzed file system artifacts and network traffic to attribute malicious activity, documenting the chain of custody and findings.

Ethical Hacking & Penetration Testing *Tools: Kali Linux, Metasploit, Nmap*
- Conducted vulnerability assessments on virtualized Windows/Linux targets, identifying critical misconfigurations and unpatched services.
- Performed exploitation and post-exploitation maneuvers to demonstrate impact, culminating in a remediation report for stakeholders.