

# Sarath Chandra Pulipati

Hartford, CT

pulipati.sarath8@gmail.com — LinkedIn — Portfolio

## Professional Summary

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Network and system administration professional with nearly three years of experience supporting cloud-first and enterprise IT environments, combined with a Master of Science in Cybersecurity Networks and CompTIA Security+ certification. Hands-on experience across identity and access management, endpoint security, Active Directory, networking fundamentals, and secure remote infrastructure. Proven ability to implement access controls, manage device compliance, support Windows and Linux systems, and contribute to secure, scalable IT operations. Seeking opportunities in network administration, system administration, or infrastructure-focused cybersecurity roles where I can apply a strong security-first approach to maintaining reliable and resilient environments.

## Technical Skills

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**Platforms & Tools:** Linux, Windows, Windows Server, Cisco Packet Tracer, Splunk, Metasploit, Wireshark, Nessus, Wazuh, OWASP ZAP, VirtualBox, VMware, Git, GitHub

**Systems & Identity Management:** Microsoft Intune, Microsoft Entra ID, Active Directory (AD DS), Group Policy Objects (GPO), Identity & Access Management (IAM), Security Policies & Identity Governance

**Networking:** Routing & Switching Protocols, Subnetting, VLANs, DNS, DHCP, Firewalls, IDS / IPS, Network Traffic Analysis, Network Segmentation & Isolation, Network Attacks & Mitigations

**Security:** Threats & Risk Management, Encryption & Hashing, Logging & Incident Response, Malware Analysis, Vulnerability Assessment, Access Control, Security Policies & Compliance

**Programming & Scripting:** Python, PowerShell, Bash, SQL, HTML

## Experience

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### University of New Haven

West Haven, CT

*Graduate Teaching Assistant – Windows Network Administration*

Jan 2025 – Dec 2025

- Assisted in delivering hands-on Windows Network Administration labs simulating enterprise-scale endpoint and infrastructure environments using virtualized systems.
- Supported setup and management of a Windows Server 2022 domain with Windows 10 and Windows 11 client machines.
- Assisted with Active Directory Domain Services (AD DS) configuration, including user, group, computer, and organizational unit management.
- Configured and supported core network services such as DNS and DHCP, including scope creation and functionality testing.
- Assisted in creating, deploying, and testing Group Policy Objects (GPOs) such as logon banners, desktop policies, and user environment settings.
- Supported IIS Web Server installation and validation of basic web service functionality.
- Assisted with file services configuration including shared folders, NTFS permissions, home directories, and storage quota management using FSRM.

### PSK Group

Remote (Hyderabad, India)

*Security & Systems Engineer (Remote)*

Dec 2022 – Oct 2024

- Designed and supported a cloud-first, remote IT environment with a focus on secure identity, endpoint, and access management.

- Implemented identity and access management (IAM) using Microsoft Entra ID to support secure access for employees and external contractors.
- Configured Conditional Access, multi-factor authentication (MFA), and role-based access control (RBAC) to enforce least-privilege access.
- Managed endpoint security and device compliance using Microsoft Intune, including encryption enforcement and security policy configuration.
- Administered Active Directory in a cloud-integrated environment to support centralized authentication and user lifecycle management.
- Implemented endpoint protection and threat mitigation using Microsoft Defender to improve visibility into malware and unauthorized access attempts.
- Established joiner–mover–leaver (JML) processes to automate user provisioning, access reviews, and deprovisioning.
- Monitored authentication logs, security alerts, and device health to identify and respond to potential security risks in a fully remote environment.

## Projects

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### Cyber Forensics Investigation Project

- Conducted an end-to-end digital forensic investigation involving two forensic disk images (.E01) and a network packet capture (.pcap) related to a simulated enterprise data breach.
- Performed evidence acquisition, validation, and analysis following forensic best practices, including chain of custody and integrity verification.
- Analyzed Windows and Linux file systems using Autopsy and FTK Imager to identify user activity, authentication artifacts, suspicious files, and encrypted data.

### Ethical Hacking & Penetration Testing

- Performed controlled penetration testing on Windows and Linux virtual machines in a simulated lab environment.
- Conducted vulnerability assessment, exploitation, and post-exploitation analysis following structured methodologies.
- Identified misconfigurations and security weaknesses and documented findings in a formal penetration testing report.

### Enterprise Network Design (Cisco Packet Tracer)

- Designed and simulated a multi-branch enterprise network using Cisco Packet Tracer.
- Implemented VLANs, subnetting, routing, and network segmentation to support scalability and security.
- Configured core networking services including DNS and DHCP and applied basic network security controls.

## Certifications

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**CompTIA Security+**

Issued Jan 2026 – Expires Jan 2029

## Education

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**University of New Haven**

Master of Science in Cybersecurity and Networks

**University of Rome Tor Vergata**

Bachelor's Degree in Information and Communication Technology

West Haven, CT

Jan 2024 – Dec 2025

Rome, Italy

Sep 2019 – Jul 2023