

Contact

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Top Skills

Vulnerability
Microsoft Azure
Nmap

Certifications

IT Help Desk for Beginners
Students and Instructors -
Information Privacy and Security
(IPS)
Program Management for IT
Professionals
Cryptography Basics

Chintan Chauhan

Securing Networks & Endpoints | Jr. Network Security Analyst at IT
Tec Solutions Inc. | MS in Information Systems, Pace University
Jersey City, New Jersey, United States

Summary

Network security analyst with hands-on experience in network monitoring, vulnerability assessment, and IT infrastructure support, including endpoint security solutions. Skilled at troubleshooting across Windows Server, Microsoft 365, and network systems, with a strong understanding of cloud environments such as Microsoft Azure and AWS. Recently completed a Master's degree in Information Systems at Pace University, with a concentration in Security and Information Assurance, focusing on data encryption, network defense, and modern cyber threats. Dedicated to strengthening security protocols, performing risk assessments, and improving operational resilience in fast-paced, security-focused environments.

Experience

IT Tec Solutions Inc.
Jr Network Security Analyst
July 2025 - Present (1 year 1 month)
New York, United States

1. Perform real-time monitoring and analysis of SIEM dashboards, overseeing security posture of 1600+ endpoints (Windows, macOS, Windows Server, SQL Server, EDI machines), and executing advanced threat detection, malware analysis, and incident response.
2. Troubleshoot and resolve escalated Tier 1/2 network events, supporting 150+ clients with 300+ physical and virtual servers, 1600 endpoints, and 48 EDI units, ensuring SLA compliance and infrastructure resilience.
3. Administer VPN solutions (licensing, tunnel configuration, RBAC) for distributed remote workforce; manage cloud-based Office 365 Exchange administration and license provisioning for 5000+ global users.
4. Architect and deploy network topologies, including secure segmentation, virtual and terminal server environments, and remote access configurations aligned to business use cases and compliance mandates.

Lead server implementations with UPS redundancy; execute automated backup strategies, generate audit-ready backup reports, and coordinate with

Azure/AWS cloud partners to ensure data retention, recovery, and business continuity.

IT Tec Solutions Inc.

Jr. Network Security Specialist

July 2024 - May 2025 (11 months)

New York City Metropolitan Area

1. Install and configure workstation patching solutions through Microsoft Endpoint Configuration Manager to provide security updates and maintain system and security patch updates.
2. Monitor and maintain endpoint security for data protection and secure device network access through Comodo, NinjaOne, and SentinelOne platforms.
3. Manage network infrastructure to maintain 80+ servers and firewalls distributed across different locations using Windows Server, SQL Server, Linux, SonicWall, Cisco, Ubiquiti EdgeRouter, Fortinet FortiGate, Ubiquiti UniFi AP, Cisco Catalyst Series, and NETGEAR ProSAFE.
4. Perform penetration tests and vulnerability assessments for clients by identifying security vulnerabilities and eliminating them through system hardening while using Nmap and Wireshark.
5. Deploy security solutions based on Windows BitLocker, OpenSSL, VPN, and MFA to ensure data protection across all network infrastructure and systems.
6. Develop group policies for updating 1,600+ user machine patches using Microsoft WSUS, Group Policy Enforcement, Active Directory, and Network Access Control.
7. Implement comprehensive data protection protocols to optimize performance and comply with security standards and best practices, including the CIA Triad, GDPR, HIPAA, and CCPA, with FileVault activation for macOS devices.
8. Oversee budgets, assets, inventory, and procurement across all company dimensions to ensure optimal resource efficiency and support operational requirements.

Air India SATS Airport Services Private Limited (AISATS)

Information Technology

February 2023 - August 2023 (7 months)

Mumbai, Maharashtra, India

1. Configuring and maintaining network computer systems including hardware and software.

2. Providing technical support to end users.
3. Collaborating with technology team to resolve technical issues.
4. Troubleshooting printers and networking devices for smooth functionality.
5. Driver updates of computer and networking devices.
6. Firewall firmware update
7. Preventive maintenance of laptops
8. IP phones setup
9. Communicating with IT vendors regarding requirements and issue solving if there are any.
10. Analyzing weekly tasks, performing them and discussing them in weekly support call with technical team.
11. Solving website related issues.
12. Monitoring Bandwidth usage across pan India locations and providing weekly usage reports to RO.
13. IT asset management

Education

Pace University - Seidenberg School of Computer Science and Information Systems

Master's degree, Information Systems · (September 2023 - April 2025)

Vidyalanakar Institute Of Technology

Bachelor of Engineering - BE, Electronics and Telecommunication

Engineering · (July 2018 - May 2021)

Vidyalankar Polytechnic

Diploma in Engineering, Electronics and Telecommunication

Engineering · (June 2015 - April 2018)