

SUJAL BHEDA



PROFESSIONAL SUMMARY

Detail-oriented Cyber Security and Networking professional with a solid foundation in Cisco routing, switching, and infrastructure security. Currently pursuing an M.Sc. in Cyber Security with hands-on technical experience deploying OSPF, VLANs, and Access Control Lists (ACLs) within simulated enterprise environments. Eager to leverage strong troubleshooting capabilities and technical expertise and ensure robust, secure, and optimized infrastructure operations.

TECHNICAL SKILLS

Routing & Switching:	OSPF, RIP, VLAN, VTP, EtherChannel (LACP/PAGP), DHCP
Network Security:	NAT/PAT, DHCP Snooping, AAA, Port Security, Access Control Lists (ACL), Zone-Based Firewalls
Tools & Platforms:	Cisco Packet Tracer, Cisco Router, Cisco Switch 2960, Server Environments
Soft Skills:	Network Troubleshooting, Problem-Solving, Collaborative Mindset, Quick Learner

TECHNICAL PROJECTS

Network Infrastructure & Security Simulation (Cisco Packet Tracer)

- **Routing & Switching Architecture:** Designed and configured multi-network communication topologies utilizing OSPF and RIP protocols. Established segmented VLAN networks with trunking and VTP domains to optimize broadcast domains and traffic efficiency across large-scale simulations.
- **Traffic & Link Optimization:** Implemented EtherChannel (LACP and PAGP) to group physical links into single logical links, increasing network bandwidth and providing automated path redundancy.
- **Infrastructure Services:** Deployed centralized DHCP servers and router configurations to automate dynamic, error-free IP address allocation for client endpoints.
- **Network Hardening & Security:** Enforced strict perimeter security by deploying NAT/PAT configurations and executing Zone-Based Firewalls with Stateful Packet Inspection (SPI) to block unauthorized external access.
- **Access Control & Endpoint Security:** Mitigated internal security threats by configuring Switch Port Security and DHCP Snooping on Cisco 2960 switches. Restructured network traffic permissions by engineering precise standard and extended Access Control Lists (ACLs).

EDUCATION

Master of Science (M.Sc.) – Cyber Security [MSCCS] Dr. Babasaheb Ambedkar Open University	2025 – 2027 (Pursuing)
Bachelor of Computer Application (BCA) & IT GLS University	2022 – 2025

CERTIFICATIONS

AI Cyber Security Expert Certificate – IONX Institute	Pursuing
Introduction to Cybersecurity – Cisco	
Exploring Networking with Cisco Packet Tracer – Cisco	
Getting Started With Cisco Packet Tracer – Cisco	

LANGUAGES

English Hindi Gujarati