





NASIR AMIN

NETWORK ENGINEER

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 Peshawar, Pakistan

 [Nasir Amin](#)

SUMMARY

Passionate and motivated Computer Science student with strong expertise in networking. Cisco Certified (CCNA) and currently pursuing CCNP certification. Seeking an opportunity to apply my technical knowledge, networking skills, and problem-solving abilities in a challenging IT/networking role.

TECHNICAL SKILLS

Networking & Infrastructure

Advanced Routing & Switching

Network Security

PROJECTS

Multi-Site Enterprise Network with WAN Connectivity

Designed and implemented a small-scale enterprise network connecting three different branch offices (PHS, UET, and KTH) with a central PTCL service provider router. The network includes LAN segments for each branch, connected through routers and switches, and is integrated via point-to-point WAN links.

Key Features

Configured three LAN networks:

- 192.168.10.0/24 (PHS Branch) 192.168.20.0/24 (UET Branch) 192.168.30.0/24 (KTH Branch)
- Established WAN point-to-point connections using /30 subnets for inter-router links. Implemented routing between LANs and WAN for full end-to-end communication. Configured Cisco 2911 Routers and Cisco 2960 Switches for connectivity and traffic management. Designed and tested inter-branch communication ensuring connectivity through the PTCL service provider. Applied subnetting, VLANs, and static/dynamic routing concepts for efficient address allocation and traffic flow

Skills Demonstrated

- LAN/WAN design and configuration
- Subnetting and IP addressing schemes (/24 and /30 networks)
- Router and switch configuration (Cisco IOS)
- VLAN and inter-VLAN routing
- WAN connectivity and service provider integration
- End-to-end connectivity testing (ping, traceroute)

Multi-Department Enterprise Network with DNS and Public Services

Designed and deployed a multi-department LAN/WAN network to support scalable enterprise connectivity and centralized services. Each department was allocated its own subnet with integrated DNS servers for public service hosting (Google, Gmail, Yahoo equivalents).

Key Features

Departmental Subnets:

- Department A (192.168.10.0/24) with Server1 (192.168.10.50) Department B (192.168.20.0/24) with Server2 (192.168.20.50) Department C (192.168.30.0/24) with Server3 (192.168.30.50) Configured IP addressing scheme with efficient subnetting for hosts and servers. Implemented routing between departments to enable full inter-LAN communication. Installed and configured 3 DNS servers, each hosting equivalent to Google, Gmail, and Yahoo services, accessible via public IPs through NAT. Configured NAT (Static & Dynamic) for inter-departmental communication using public addresses. Verified end-to-end connectivity between all hosts and ensured all servers are reachable by every department. Applied security best practices with VLAN segmentation, access controls, and scalable routing for future expansion.

Skills Demonstrated

- LAN design and VLAN segmentation
- IP addressing and subnetting (/24)
- Router and switch configuration (Cisco IOS)
- Static and Dynamic NAT for server and host access
- DNS server deployment and testing
- Inter-department communication & scalability planning

EDUCATION

BS Computer Science

University of Engineering and Technology Peshawar

courses:

programming fundamental , ICT, computer networking, data communication, blockchain, information security, cloud computing, PDC

CCNA

CoreLinks Peshawar

courses: CCNA , CCNP

Graduation: june 2026

Completed: April 2025

CERTIFICATIONS

Intro to Network Automation

CISCO

Credentials id : WEHH2J9604BO

Credentials url

feb 2025

Advanced Routing, Infrastructure, and Network Management

PACKT

Credentials id : PTGU8MM5KER2

Credentials url

jan 2025

Introduction to Networking

NVIDIA

Credentials id : ~~Credentials url~~
20Q501B4WZ41

jan 2025

Introduction to Secure Networking

MICROSOFT

Credentials id : TVVSOKPJ2177

Credentials url

jan 2025

Communication and Network Security

PACKT

Credentials id : N4JTUJPBLTT9

Credentials url

jan 2025

Fundamentals of Networking and

Cisco Devices

PACKT

Credentials id : OLVEY0PXAA2U

Credentials url

jan 2025

TOOLS

- *Packet Tracer*
- *GNS3*
- *EVENG*

SOFT SKILLS

- *Strong Problem-Solving & Analytical Skills*
- *Documentation & Network Diagramming (Visio, Draw.io)*
- *Team Collaboration & Communication Skills*

LANGUAGES

ENGLISH , URDU , PASHTO