

SAUGAT POUDEL

ASPIRING NETWORK & SYSTEMS ENGINEER | SYSTEM ANALYST | SOFTWARE ENGINEER

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PROFILE

Computer Systems Engineering student with a practical interest in network infrastructure, systems analysis and software development. Currently studying for the Cisco CCNA certification and building hands-on labs in routing, switching, VLANs, IP services and troubleshooting. Seeking an entry-level Network Engineer, Systems Engineer, IT Support, System Analyst or software-related role where I can contribute, learn and grow.

TECHNICAL SKILLS

Networking

TCP/IP, IPv4/IPv6, subnetting, VLANs, trunking, inter-VLAN routing, static routing, OSPF, STP, DHCP, DNS, NAT, port security, Cisco Packet Tracer

Systems & Security

Linux basics, Windows, command-line fundamentals, Wireshark, network troubleshooting, cybersecurity fundamentals

System Analysis

Requirements gathering, process analysis, UML diagrams, system design, technical documentation, software testing

Software & Data

Python, C#, JavaScript, HTML, CSS, SQL, MySQL, SQL Server, Android development basics, Git and GitHub

SELECTED PROJECTS & PRACTICAL LABS

Secure Small Office Network Lab

Cisco Packet Tracer

- Designed a segmented office network with separate VLANs for Admin, Sales and IT.
- Configured inter-VLAN routing, central DHCP allocation and basic switch port security.

Multi-Branch OSPF Network

Routing Lab

- Connected simulated branch offices using routed links and dynamic OSPF routing.
- Verified connectivity and routing behavior using CLI diagnostics, ping and traceroute.

Software, AI & Mobile Coursework

Academic Projects

- Developed an Android application with UI components and application logic using Java/Kotlin basics.
- Studied machine-learning fundamentals and applied structured analysis, documentation and testing approaches.

EDUCATION

BSc (Hons) Computer Systems Engineering

University of Sunderland, UK

2024 - Present

NEB (Biology)

Times International College

2022 - 2023

CERTIFICATIONS & ACHIEVEMENTS

- Cisco CCNA - In Progress
- Pearson BTEC Level 5 HND in Computing (Software Engineering)
- ISMT Autumn Hackathon Competition 2025 - Winner

LANGUAGES

English (Professional working proficiency) | Nepali (Native)