Ankit Khatiwada

Cybersecurity & Networking Student

Burnaby, BC •(236)971-4249• ankitkhatiwada09@gmail.com • linkedin.com/in/ankit-khatiwada-4916bb278 • github.com/ankitkhatiwada

Professional Summary

Cybersecurity and Networking student with hands-on experience in vulnerability assessment, penetration testing, secure server deployment, and network configuration. Passionate about ethical hacking and building secure systems. Open to co-op, internship, and entry-level opportunities.

Experience

CCTB — Cybersecurity Labs — Cybersecurity Student (2025)

- Conducted vulnerability assessments with Kali Linux and Metasploit.
- Performed log analysis and threat hunting using security tools.
- Configured and secured Linux web servers with SSL/TLS and firewall rules.

Networking Labs — Cisco Packet Tracer Projects (2024–2025)

- Configured OSPF in multi-area enterprise networks.
- Implemented port security, sticky MAC, and violation modes.
- Designed VLANs and applied ACLs for network segmentation.

ITED Foundation — Project AURA — Developer (2025)

- Designed Firebase Realtime Database schema with secure RBAC.
- Built Python + Flask backend to process Excel data and generate alerts.
- Integrated admin/operator dashboards with real-time alert display.
- Automated Word/Excel transcript generation.
- Implemented security rules & audit logging.

Selected Projects

Vulnerability Assessment Lab — Hands-on assessment of vulnerable systems using Nmap, Metasploit, and Kali Linux tools.

Log Analysis & Threat Hunting — Analyzed server and application logs to detect malicious patterns and intrusions.

Secure Web Server Deployment — Configured and hardened an Apache web server with SSL/TLS and firewall rules.

Networking Labs — Cisco Packet Tracer — Configured OSPF multi-area networks, port security, VLANs, and ACLs.

Technical Skills

Networking (Cisco, OSPF, VLANs, Port Security), Kali Linux, Metasploit, Nmap, Wireshark, Firewall Configuration, IDS/IPS Basics, Vulnerability Assessment, Log Analysis & Threat Hunting, Secure Web Server Deployment, Linux Administration, Git/GitHub

Education

Canadian College of Technology and Business (CCTB) — Cybersecurity Risk Management (Expected 2025)