

Navkirat Wander

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Education

University of the Fraser Valley

September 2024 – Present

Bachelor of Computer Information Systems

Abbotsford, BC

- Courses: Web Publishing, Introduction to Programming, Object-Oriented Programming, Systems Hardware Concepts, Project Management, Security Fundamentals

Certifications

Google Cybersecurity Professional Certificate | *Security Operations, Incident Response, SIEM*

September 2025

CompTIA Security+ | *Network Security, Cryptography, Identity Management*

October 2025

Projects

Cyber Strike Challenge | *Cyber Defence, AI Security, Threat Mitigation*

- Earned Certificate of Achievement from **UFV & IEEE Vancouver** by applying cyber defence and threat mitigation in a competitive AI-integrated security environment.

Secure Discord Automation Bot | *Python, discord.py, RBAC, API Security*

- Mitigated injection risks by enforcing a Role-Based Access Control (RBAC) hierarchy with input sanitization and least-privilege access across all sensitive commands.
- Secured API tokens via environment variables and added runtime exception handling to eliminate hard-coded credential exposure and information leakage.

Penetration Testing Labs – Hack The Box | *Kali Linux, Nmap, Responder, Gobuster, Burp Suite*

- Captured NTLMv2 hashes via LLMNR/NBT-NS poisoning with Responder in a simulated Windows Active Directory environment.
- Bypassed authentication by exploiting SQL Injection vulnerabilities on Hack The Box machines to enumerate backend databases.
- Identified misconfigured FTP, SMB, and HTTP services using Nmap and Gobuster; gained proficiency with Redis, MongoDB, and Rsync via OpenVPN-isolated labs.

Experience

SAP Operations Clerk

November 2022 – October 2024

Real Canadian Superstore

Abbotsford, BC

- Maintained inventory accuracy across hundreds of SKUs using SAP ERP material management and goods receipt modules.
- Reduced stock discrepancies by reconciling physical and digital records through daily inventory scans and exception reporting.
- Ensured audit readiness by maintaining detailed digital logs aligned with company data standards and compliance requirements.
- Strengthened multitasking and cross-team communication in a high-volume, fast-paced retail environment.

Skills

Languages: Python 3, C++, JavaScript

Frameworks and Libraries: discord.py

Operating Systems: Windows, Mac OS, Linux (Ubuntu, Kali, Fedora, Solaris)

Tools: Wireshark, Nmap, Responder, Gobuster, Burp Suite, VMware, VirtualBox, KVM, MySQL, SQLite, Linux CLI, SIEM, OpenVPN