Yash Patel

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Portfolio: https://yashpatel0509.github.io/Yash-portfolio/ **LinkedIn**: www.linkedin.com/in/yash0509

PROFILE

Cybersecurity & Threat Management co-op student with enterprise IT experience and hands-on exposure to SIEM monitoring, incident response analysis, identity and access management, and network security. Experienced with **Suricata IDS, Elastic Stack, Azure Active Directory, Intune, and AWS environments**. Seeking a **Summer 2026 Cybersecurity or Security Operations (SOC) Co-op opportunity**.

TECHNICAL SKILLS

Cybersecurity & Detection - SIEM log analysis, Suricata Intrusion Detection System (IDS), Kibana, Wireshark, Snort, alert triage, PGP encryption, hashing.

Networking & Systems - TCP/IP, VLANs, OSPF, IPv6, subnetting, Linux (Ubuntu, Kali), Windows, Bash.

Cloud & Tools - Amazon Web Services (EC2, IoT Core), Azure Active Directory, Intune, Autopilot, SCCM, ServiceNow, Jira, Excel.

Risk & Security Concepts - Identity and Access Management (IAM), least privilege, incident response exposure, security controls, third-party risk.

PROFESSIONAL EXPERIENCE

Desktop Support Analyst | Healthcare of Ontario Pension Plan   Nov 2024 – Feb 2025

- Automated secure endpoint provisioning using Microsoft Intune and Autopilot, improving deployment consistency.
- Managed user access and group permissions in Azure Active Directory, supporting least-privilege access control.
- Assisted with VPN, DNS, and network troubleshooting to minimize service disruptions.
- Supported security patching, operating system updates, and endpoint lifecycle activities.

Help Desk Analyst | Cognizant (Client - Enbridge)   Sept 2022 – Nov 2024

- Resolved high-volume incidents using ServiceNow and Jira across hardware, VPN, and enterprise applications.
- Deployed and imaged devices using SCCM and PXE, following ITIL change procedures.
- Performed Active Directory account administration and access troubleshooting.
- Documented resolutions and reviewed logs to support audit, compliance, and risk validation.

ACADEMIC PROJECTS

IoT Security Monitoring & Threat Analysis

- Engineered a secure IoT environment using Raspberry Pi, AWS IoT Core, and Python automation.

- Built a virtual Security Operations Center (SOC) using Suricata IDS and Elastic Stack for real-time monitoring.

- Conducted controlled DDoS simulations and analyzed traffic using AWS VPC Flow Logs stored in S3.

Security Case Studies & Incident Response Analysis

- Analyzed large-scale breaches, supply-chain attacks, and identity data exposures focusing on incident timelines, root cause, and impact.

- Developed incident response and crisis communication plans, including executive summaries and stakeholder notifications.

- Produced policy, governance, and third-party risk recommendations to strengthen organizational preparedness.

Network & Web Application Penetration Testing

- Conducted end-to-end penetration testing against a Metasploitable2 environment.

- Exploited misconfigurations in VNC and Apache Tomcat, achieving privilege escalation.

- Identified Cross-Site Scripting (XSS) and SQL Injection vulnerabilities and authored a professional risk-based report.

Active Directory Exploitation & Lateral Movement

- Simulated red-team activity by exploiting MS17-010 (EternalBlue) for initial access.

- Performed credential harvesting using Mimikatz and password cracking with John the Ripper.

- Executed Pass-the-Hash attacks using Impacket to achieve lateral movement.

CERTIFICATIONS

AWS Cloud Security Foundations (**AWS Academy**) | Introduction to Linux (**Linux Foundation**) |

Introduction to Digital Forensics (**Cyber5W**) | Introduction to Cybersecurity (**Cisco**) |

IPv6 Address Planning & Fundamentals (**APNIC**) | Critical Infrastructure Protection (**OPSWAT**)

Technical Support Fundamentals – **Google (Coursera)**

EDUCATION

Cybersecurity & Threat Management (Post-graduate Certificate)   Sept 2025 – Apr 2026 (Expected)

Seneca College of Applied Arts and Technology

Computer Networking and Technical Support (Diploma)   Jan 2020 – Dec 2021

Seneca College of Applied Arts and Technology