

Jay Vanraj (Cybersecurity Analyst)

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SUMMARY OF QUALIFICATION

- Bachelor's Degree in Information and technology, along with two majors in Cybersecurity/Information Security.
- **CompTIA Security+ | (ISC)² Certified in Cybersecurity | Google IT Support (CompTIA A+)**
- Real-world hands-on understanding of information/cyber security tools, processes and Cybersecurity Frameworks
- Experienced in various programming languages like Python, Java, C++ as well as scripting.
- Experience in Network Security, Incident Response, and Threat Analysis.
- Strong analytical and problem-solving skills.
- Effective communication and collaboration abilities.

SKILLS

Soft Skills: Deductive Reasoning, Collaboration, Effective Communication, Leadership, Time Management, Critical Thinking, Continuous Learning, Ethical Mindset, Mentoring

Security: IDS/IPS, Incident Response, Threat Mitigation, Information Security/Cybersecurity Frameworks (MITRE, NIST, CSF), Cybersecurity Fundamentals, SOC (Security Operations Centre), Security Policies and Practices, Access Control

Networking: Network Architecture, Firewalls (Palo Alto, Pfsense, Cisco), VPN, Virtualization, Networking Protocols

Operating Systems: Linux, Windows, Mac OS

Programming/Scripting Languages: C, C++, Python, Java

Forensics & Analysis: Digital Forensics, Threat Analysis

IT Service Management: ITIL, Service Level Agreement (SLA), Customer Service, Technical Support

Tools & Services: VMware, Azure, Google Firebase, Wireshark

Additional Skills: Security Tools & Monitoring Systems (e.g., Security Onion), Cloud Platforms (AWS, GCP), Automation & Scripting (Python, Bash), Security Auditing

CERTIFICATES

CompTIA Security+	November, 2024
Certified in Cybersecurity (CC) – (ISC) ²	February, 2024
IT Support Professional Certificate – Google & Coursera	July, 2020
Certified Network Security Specialist (CNSS) – International Cybersecurity Institute at icsi.co.uk	August, 2021
Python for Everybody Specialization – Michigan University & Coursera	May, 2020

EXPERIENCE

Security Analyst [Group project]

Fanshawe College, London, Ontario

July 2023 to July 2023

- Reduced incident resolution time, through proactive analysis and efficient escalation of security events using a case management system, enhancing overall security posture.
- Achieved increased in network defence effectiveness by monitoring virus reports and ensuring timely updates, mitigating potential vulnerabilities and enhancing the overall resilience of the network against threats.

Team Member | Team Leader

A&W Restaurant, London, Ontario

May 2022 to June 2024

- Ensured 99% uptime of digital displays through proactive IT support, minimizing disruptions and contributing to the seamless functioning of organizational digital assets.
- Lead and mentor a team of 5 to 7 staff members, fostering a collaborative and efficient work environment.
- Increase in customer satisfaction scores by consistently delivering exceptional customer support, leading to positive feedback and improved overall perception of guest services.

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IT Support

Winny Immigration, Gujarat, India

January 2021 to December 2021

- Provided technical assistance and troubleshooting for hardware and software issues to ensure smooth operations.
- Delivered cybersecurity awareness training for end-users and employees.

EDUCATION

Post-Graduate Certificate in Information Security Management (ISM)

Fanshawe College, London, Ontario

January 2023 to August 2023

Relevant Coursework: Incident Response, Digital Forensics, Ethical Hacking, I.T. Auditing, Information Security Planning, OS and Application Security

- Achieved GPA of 4.0
- Recognized for excellence in NSM implementation, showcasing cybersecurity proficiency.
- Configured Security Onion to analyze and mitigate harmful events, utilizing various tools to extract pertinent information for comprehensive threat analysis and resolution

Post-Graduate Certificate in Network and Security Architecture (NSA)

Fanshawe College, London, Ontario

January 2022 to December 2022

Relevant Coursework: Security Servers and Networks, Securing the Edge (Firewall), Web security, I.T. Service Management (ITIL), Virtualization, Enterprise Network Design and CISSP

- Configured Windows Server Failover over a Virtualized environment to ensure uninterrupted operations during system failures

Bachelors in Information and Communication Technology (ICT)

L.J. University, Gujarat, India

August 2017 to May 2021

- Lead a team of 10 engineers to develop a platform for delivering education virtually through videos, quizzes and notes in accordance to the respective university.

PROJECTS

EduTeur – An Online Teaching Platform based on university guidelines and Standard.

Developed an online teaching platform meeting university standard with a security-first approach.

> <https://github.com/jayvr/eduteur>

Merging of Enterprise Networks (NAWI)

Implemented VPN technologies, Cloud integration and Software Defined Networking (SDN-Technology) to establish a comprehensive infrastructure, facilitating the merging of disparate networks across multiple countries and enhance routing efficiency and ensure efficient data delivery throughout the expansive network.

Windows Server Failover Implementation

Implemented failover for OS clusters using iSCSI disks, ensuring uninterrupted operations during system failures for seamless transition between clustered operating systems.

NSM – Security Onion monitoring configuration and demo

Configured Security Onion to analyze and mitigate harmful events, utilizing various tools to extract pertinent information for comprehensive threat analysis and resolution.

> <https://www.youtube.com/watch?v=LtUQvg4HDHo>