

EDUCATION

Hack The Box Academy – HTB Certified Defensive Security Analyst (HTB CDSA)

CompTIA – Security+

Harvard University – Computer Science for Cybersecurity

TECHNICAL & LANGUAGE SKILLS

Splunk | ELK Stack | Security Onion | MS Sentinel | MS Endpoint | Webroot DNS & Endpoint | Azure AD (Entra ID)
Azure Security (Defender) | NIST Framework | Python | PowerShell | CLI | IDS/IPS | Network Protocols
Network Architecture | VMware | Vulnerability Assessment | IAM | Docker | Windows & Linux Servers
SonicWall | Sage50 | Hyper-V | Proxmox | Nessus | Wazuh | pfsense | kali

PROJECTS

CITADEL: Virtual SOC environment August 2024 - Present

Personal Home Server

- Developed a virtual SOC lab environment simulating real-world scenarios.
- Utilized the lab environment to perform malware analysis, and red team operations
- Conducted hands-on experiments with vulnerable applications like DVWA to explore and mitigate vulnerabilities listed in the OWASP Top 10, providing experience in identifying and addressing common application security risks
- Implemented network segmentation using pfSense firewall with multiple VLANs.
- Integrated a suite of cybersecurity tools including Kali Linux, Nessus, and Wazuh.
- Utilized Docker for container management, showcasing understanding in modern application deployment.
- Managed virtualization with Proxmox, optimizing server hardware for cybersecurity tasks.

WORK EXPERIENCE

Network & Security Administrator September 2023 – Present

Verduyn Tarps Inc. | Hamilton, Ontario

- Implemented and managed security infrastructures to protect organizations assets.
- Participated in security audits and assisted in remediation efforts.
- Deployed and maintained SIEM (MS sentinel & defender for Endpoint) systems for enhanced threat detection and response.
- Oversaw email and endpoint security measures to mitigate phishing and malware risks.
- Managed identity and access controls, including multi-factor authentication and conditional access policies.
- Developed and implemented data protection strategies, disaster recovery and conducted vulnerability assessments.
- Transitioned legacy security tools to integrated solutions, improving efficiency and reducing costs.
- Developed and delivered security awareness training programs, boosting employee security competency.
- Continuously monitored emerging threats and security trends, proposing and implementing improvements
- Monitored and maintained IT systems health, including servers, workstations, and network devices.
- Provided prompt technical support to end-users, addressing hardware and software-related inquiries.
- Implemented and managed patch management processes to keep systems secure and up to date.
- Assisted in managing network infrastructure, including AP's, switches, firewalls, and VPN's.
- Established and maintained data backup and recovery procedures, conducting regular disaster recovery testing.
- Enforced security policies, access controls, and compliance standards.
- Assisted in the procurement and deployment of hardware and software assets.
- Evaluated and recommended technological solutions aligned with company needs and budget.
- Maintained accurate documentation of IT assets, configurations, and procedures.
- Audit existing infrastructure to provide recommendations for security hardware/software.

IT Support Technician April 2019 – August 2023

Best Buy Canada - Geeksquad | Hamilton, Ontario

- Trained team members on advanced techniques, company procedures, & safety requirements.
- Managed technical operations across multiple stations, ensuring optimal coverage & meeting production goals.
- Demonstrated expertise in MacOS, Windows & Linux devices as well as the latest hardware/software technology.
- Provided technical support troubleshooting hardware and software issues for customers personal devices.
- Maintained a high level of customer satisfaction by providing friendly, efficient and effective service