Simranjit Singh Pabla

India, Gujarat

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LinkedIn

Summary

Highly motivated and detail-oriented individual seeking an entry-level position in cybersecurity. Strong foundational knowledge in network security, vulnerability analysis, and security protocols, coupled with a proactive approach to problem-solving and a passion for staying updated with the latest cyber threats and technologies.

Skills

Language: C, Python [Advance] & Java, JavaScript [Basic], Bash [Basic]
Tools: Monitoring Network Traffic [Nmap, Nikto, Wireshark]**,** Vulnerability Scanning [Nessus]
Offensive Security [Password cracking using Hashcat], Privilege Escalation [gtfobins, Linpeas, Winpeas, pspy]
IDS & IPS [Snort], SIEM Framework [Splunk, QRadar]
Frameworks: Metasploit, Burp Suite**,** NIST Cybersecurity Framework**,** MITRE Cyber Prep Framework, Cybersecurity Risk Management [RMF NIST, Value-Based Security Risk Assessment [FAIR]]

Projects

Monitoring and Securing the DFI Environment [GitHub link]
- Monitored Server's using Did principles & Least Privilege as well as provided recommendations on OS hardening, Compliance issues.
- Mitigation Steps were recommended based on the analyses of Firewall reports, threat intelligence and IDS signatures.

Navigating a Cybersecurity Incident [GitHub Link]
- Conducted research to understand what type of threat was involved, who was the actor behind the threat and how they were motivated.
- Recommended improvements to the incident response plan to address gaps based on the vulnerabilities.

SwiftTech's Report [GitHub link]
- Identified potentially relevant compliance obligations, modified risk management policy to meet the company's specific needs.
- Assessed risk in the Company's infrastructure leveraging common risk management framework, and developed governance activities to ensure security controls are operated as expected.

Work Experience

Computer Instructor   Oct 2021 - Mar 2022
Kendriya Vidyalaya Gujarat, India
- Achieved B+ and above test results for 80% of students taught.
- Redesigned Networking ensuring fail safe as well as helped in curriculum development & administrative work

Project Intern   Jun 2018
BISAG Gandhinagar, Gujarat
- Implemented a new plugin written in Python & Qtpy in Qgis to do analysis on the shape file data at a click of a button.

CTF Player

TryHackMe   Sep 2023 - Present
User-Id: Sardarji007 [0x7] | Rank: Top 16 % | Rooms Completed: 22

Education

Practical Ethical Hacking, TCM Security   Nov 2022 - Aug 2023
Intro To Cybersecurity Nanodegree, Udacity   Dec 2022 - Jul 2023
Deep Learning Nanodegree, Udacity   Dec 2019 - Sep 2020
BTech CSE, Parul University   Aug 2016 - May 2020
CGPA: 8.52