

Simranjit Singh Pabla

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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

Expert Q&A

Mar 2020 - Nov 2021

Chegg Inc. Freelance Gujarat, India

- Used my Brain Cells to address the solution in the simplest form and present it images so it could profit the students providing timely communication and feedback whenever required.

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.

Education

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