PRANJALI SACHAN

Email: pranjalisachan98@gmail.com | Mobile: +1 (614) 401-7477 | Columbus, OH
LinkedIn: linkedin.com/in/pranjalisachan

Summary

A Cyber Security graduate skilled in threat detection, incident response, and security analysis with hands-on experience in security tools, techniques, and methodologies. I have a strong understanding of network security protocols, access control, risk management, and security best practices. I aspire to contribute to the security of organizations and protect digital assets against cyber threats with a commitment to stay updated on the latest trends in the field.

Skills

Cyber Threat Intelligence (CTI), Wireshark software, NIST, SIEM, IDS/IPS, Firewall, Antivirus, SOC, Vulnerability Assessment, Malware Analysis, Designing security protocols, Compliance Frameworks (e.g. GDPR, HIPAA, PCI, DSS), Network Troubleshooting, Penetration Testing, LAN, WAN, Symantec endpoint protection, System analysis, Identity and access management (IAM), Python, C, C++, SQL, Git, Linux, Windows server, MacOS

Projects

Network Administration - Franklin University, OH (Feb 2023 - Aug 2023)

Remote Access Configuration:
- Configuring Remote Desktop Protocol (RDP) and VPN servers along with establishing VPN connections.
- Understanding RDP protocol with the OSI model.
- Setting up Routing and Remote Access Server for VPN and configuring VPN clients.

Software Management and Shell Scripting:
- Managing software packages in different Linux environments.
- BASH shell scripting, file system operations and commands.

Network Protocol Analysis and Configuration:
- Learned how to configure and analyze IPv4 and IPv6 networks with an emphasis on subnetting strategies and fundamental TCP/IP protocols.
- Initially, I used subnetting techniques to configure IPv4 and IPv6 addresses, proving my ability to calculate subnet masks and determine network addresses.
- Performed testing to demonstrate a thorough comprehension of the functions of IPv4 and IPv6 networks by comparing their performance and features.
- Utilized programs like ipconfig and ifconfig to lookup network settings. I was able to fix network configurations and diagnose connectivity issues by evaluating output data demonstrating good analytical skills.

Node.js Web Application with Security Integration - Franklin University, OH (Oct 2023 - Dec 2023)
- Developed a Node.js web application with multiple routes for home, contact, and bio pages utilizing Express.js framework.
- XSS vulnerabilities and injection attack mitigation are achieved by integrated cyber security solutions that provide secure session management.
- The HTTPS protocol was put into place to encrypt data transmission, improving user data integrity and confidentiality.
- Installed the program on a trustworthy PaaS supplier, guaranteeing adherence to security guidelines.
- Carried out maintenance and testing to fix security flaws and guarantee peak performance.
- Documented the security precautions used and the lessons discovered for future reference and ongoing development.

Professional Experience

Information Technology Recruiter, Apisero Inc. (NTT Data), June 2021 - July 2022
- Serve as the primary point of contact for recruitment related project coordination, liaising between hiring managers, recruiters, and project stakeholders.

- Develop and maintain project timelines, ensuring recruitment activities align with project milestones and deadlines.
- Coordinate recruitment efforts across multiple projects or teams, prioritizing tasks and allocating resources effectively.
- Implement process improvements and best practices to optimize recruitment and project management workflows, driving efficiency and effectiveness.

Education

Master of Science in Information Technology (Cyber Security), Feb 2023 - Aug 2024, GPA 3.5
Franklin University, Columbus, OH

Master of Business Administration (MBA), Aug 2018 - Jan 2020
IILM University, Noida, India

Bachelor of Science, July 2014 - July 2017
CSJM University, Kanpur, India

Certifications

Ethical Hacking Essentials
Issued by EC Council in Feb 2024. Credential ID 297528