

WORK EXPERIENCE

SOC Analyst, TT Technologies | New Jersey, USA

Jan 2025 - Jul 2025

- Responded to and **automated 50+ alerts** weekly from various cybersecurity tools (EDR, IDS Email Gateway, SIEM), improving incident response efficiency by **30%**.
- Analyzed over **100+** security logs to identify **vulnerabilities**, contributing to a **15%** reduction in potential security risks in business units.
- Implemented and maintained security controls, including **firewalls** and **IDS/IPS systems**, leading to a **20%** increase in threat detection & prevention.
- Documented customer feedback trends, providing insights that contributed to a **10% improvement** in security response and product development alignment.

Network Security Analyst, Saint Peter's University | New Jersey, USA

Sep 2023 - Aug 2024

- Conducted research on projects, **contract compliance** and **regulations**, contributing invaluable insights to strategic decision-making processes, resulting in an increased contract win rate by 20%.
- Infused creativity into projects, resulting in a discernible improvement in the quality and effectiveness of AI initiatives; **boosted engagement** by **35%** and **increased conversion** rates by **20%** through innovative user interface designs.
- Facilitated brainstorming sessions for educational initiatives and boot camps, providing **strategic insights** that led to the development of new courses and an increase in program enrollment.

Information Security Analyst, Globalshaala | Bengaluru, India

Mar 2022 - Apr 2023

- Collaborated with cross-functional teams to identify and address critical **security gaps**, resulting in a **25% improvement** in overall **IT security posture** and compliance with industry standards.
- Implemented rigorous **risk assessment protocols**, evaluating **threats** and **vulnerabilities** to formulate effective backup plans; reduced the average recovery time by 50% and saved the company 30+ hours per month.
- Spearheaded the successful implementation of advanced **vulnerability scanning tools** and processes in collaboration with the Security team, resulting in a **45% decrease** in potential **security threats** across the organization.

Cybersecurity Intern, Expertrons | Mumbai, India

Aug 2021 - Jan 2022

- Conducted research on government **contract compliance** and **regulations**, contributing invaluable insights to strategic decision-making processes, resulting in an increased **contract win** rate by **20%**.
- Led thorough **security audits**, **risk assessments**, and **penetration testing** initiatives to identify and address vulnerabilities.
- Upgraded **security controls** as recommended, resulting in a significant **50% alleviation** in potential security risks.
- Designed and implemented IAM policies that ensured role-based access control (**RBAC**) to secure access control across the organization.

Network Engineer, Supraja Technologies | Vijayawada, India

Jan 2020 - Dec 2020

- Developed Led through **security audits**, **risk assessments** and **penetration testing** initiatives to identify vulnerabilities.
- Collaborated with cross-functional teams to identify and address critical **security gaps**, resulting in a **25% improvement** in over **IT security posture** and compliance with industry standards.
- Partnered with the AppSec team to integrate real-time alerts into the **Jira** workflow and supported mitigation tracking via **MIRO** boards.

SKILLS

Programming Languages: Python, Java, SQL, C++, HTML, PowerShell, Tableau, Power BI, Excel.

Cybersecurity Tools: Linux, AWS, Azure, Encase, Fortinet, Splunk, Wireshark, CSPM, Nmap, CyberArk, Autopsy, CrowdStrike, CI/CD.

Protocols: TCP/IP, SSL/TLS, HTTP/HTTPS, EDR/XDR, DHCP.

OS and Frameworks: Windows, macOS, NIST 800-53, ISO 27001, CIS Controls, HIPAA, and GDPR.

Security Concepts: Firewalls, OSI Model, IDS/IPS, Vulnerability Assessment, Debugging, OSINT, QA & UAT, GRC, AI&ML, OWASP.

EDUCATION

Saint Peter's University, Jersey City, New Jersey, United States

May 2025

Candidate for Master of Science in Cyber Security, **Cumulative GPA: 4.0/4.0**

Threat Assessment, Cryptographic Algorithms, Ethical Hacking, Splunk Engineering.

Jain University, Bengaluru, India

Jun 2021

Candidate for Bachelor in Forensic Science (Cyber Forensics), **Cumulative GPA: 4.0/4.0**

Firewall Management, Cloud Computing, SOC, Malware/Risk Analysis.

PROJECT EXPERIENCE

NeuraShield: AI-Powered Data Protection Platform

- Developed **AI and ML** algorithms to monitor sensitive data and prevent breaches by enabling real-time detection of APIs, contributing to a robust data protection strategy.
- Pioneered an ensemble deep learning approach to identify **Advanced Persistent Threats (APTs)**, setting a new standard for threat detection across the organization.
- Implemented **Natural Language Processing (NLP)** models to analyze system logs for unauthorized access detection, effectively uncovering brute-force attacks and reducing incident response time.

Cybersecurity Risk Assessment & Infrastructure Planning

- Designed a **multi-phase cybersecurity roadmap**, incorporating policy enhancements, team development (**CISO proposal**), and scalable risk management models.
- Mapped out key business functions and threat surfaces, recommending mitigation strategies for **phishing**, **ransomware**, and **web application** vulnerabilities.
- Proposed and documented the implementation of Multi-Factor Authentication (MFA), Web Application Firewalls (WAFs), and secure CMS architecture to harden endpoints and portals.

Network & Cybersecurity Infrastructure Design

- Designed and simulated a comprehensive enterprise-grade secure network using Cisco Packet Tracer, incorporating core principles of defense-in-depth and **zero trust architecture**.
- Simulated dynamic routing (**OSPF, BGP**) in Cisco Packet Tracer for enterprise network topologies.
- Configured site-to-site and remote-access **VPNs** for **secure data transmission** over untrusted networks, aligning with industry best practices for encryption and secure tunneling.

CERTIFICATIONS

Compia Security+, Google Cybersecurity Professional Certificate, AWS Certified DevOps Engineer.