Priyanka Malarauthu

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SUMMARY

A dedicated Cybersecurity professional with a Master of Science in Cybersecurity from Saint Louis University. Possessing over 5 years of hands-on experience as a cybersecurity analyst, I have honed my skills in Python, Fraud Policy & Strategy, Fraud Operations and Analytics, Vulnerabilities, Research Analysis, GRC, MITRE ATT&CK, NIST, AGILE, and hold Security+ certification. Additionally, I bring extensive expertise in AWS Cloud, TTPS, SEIM, GitHub, R Studio, and SPSS. Proficient in identifying and mitigating security risks, developing robust cybersecurity strategies, and implementing effective solutions to safeguard critical assets. Skilled in threat detection, incident response, and compliance management. Actively seeking opportunities to leverage my passion and expertise to fortify organizational security and drive business objectives.

Area of Expertise:

Technical Skills: Proficient in Kali Linux, Azure, AWS cloud, Nmap, Burp Suite, Splunk, NIST framework, MITRE ATT&CK, Tableau, AGILE, Docker, and Microsoft 365 security tools (Defender, Email Security, Defender for Cloud Apps), as well as SIEM.

Functional Skills: Experienced in Sanctions, Requirements Analysis, Case Studies, Internal Audits, Research, KYC Verification, Anti-Money Laundering, Data Analysis, Investigation, Policy Analysis, Cybersecurity Incident Response Investigation, Negotiation, Operations Management, and Internal Audits.

Work Experience:

Saint Louis University
Project Specialist   Jun 2023 – March 2024, Missouri

- Perform security audits and assessments, performing risk analyses and network forensics. Review tickets and emails submitted by other employees that appear suspicious, to determine if they are malicious.
- Analyze open-source intelligence (OSINT) alerts to proactively prepare and respond to emerging threats.
- Perform spam filters to enhance our email security infrastructure.
- Research, evaluate, and propose improvements to the security monitoring/security operations center (SOC) and provide support in responding to security incidents and threats.
- analyzing and monitoring blocked emails to identify potential threats and vulnerabilities and its associated Risk Management practices.
- Keeping a track on latest cybersecurity trends and best practices to ensure the protection of our systems and data.
- Analyze attacker tactics, techniques, and procedures (TTPs) from security events across a large heterogeneous network of security devices and end-user systems.

Saint Louis University
Info Security Analyst   Jan 2023 - Jun 2023 - Missouri

- Developed a knowledge base for spam texts and emails to recognize phishing, smishing, and vishing and the steps to take to protect personally identifiable information (PII) and electronic protected health information (EPHI) as per the NIST, ISO, HITRUST, HIPAA, PCI security and privacy rule.
- Analyzed critical cloud threats and recommended strategies to safe authenticate against Multi Factor Authentication Bypass and develop an IT disaster prevention and recovery policy.
- Conducted inventory and risk assessment to determine the data to be protected and security threats from hackers and deployed appropriate safeguards, security standards and frameworks against data breaches.

- Analysis, visualization, and exploration of data for tickets tracking and workflow screening.
- Executed contract tracking and review to track obligations for third party service providers and limit the organization's liability.
- Collected, cleansed, modeled, and analyzed structured and unstructured data for decision making by management through dashboards powered by data analytics software and data visualization tools.
- Configured and reviewed policy using policy stats software at the IT level to meet the organizational requirements.
- Analyzed the IT digital infrastructure to determine existing constraints that would increase the security risk index for the organization's systems and processes.

HSBC PVT LTD.
Anti-Money Laundering Officer   Aug 2021 - Aug 2022 - Telangana, India

- Provided assessments of client sanctions exposure to be integrated into the CDD/EDD Management Insights.
- Conducted research and analysis on the sanctions language for new or amended credit agreements.
- Provided timely advice and guidance to all appropriate business units and stakeholders for Sanctions related concerns.
- Investigated and reviewed complicated investment deals, trade finance transactions, and escalations from the various lines of business.
- Assisted the Sanctions Manager in preparing the deliverables for regulator exams and provides support in the exam calls as necessary.
- Document investigation steps performed and documented the rationale for decisions reached.
- Reviewed and investigated PEP screening alerts from a second line monitoring objective utilizing the client screening system, internal Customer Due Diligence systems and third-party sources.

AMAZON
Development Center Investigations Specialist   Jan 2019 - Jun 2021 Telangana, India
- Seller Identity Verification (Risk and Compliance Operations) includes onboarding vendors from around the world via live video sessions.
- Primarily responsible for acting as a liaison between third-party sellers, gathering necessary papers, and conducting comprehensive checks so that vendors can complete registration and begin selling on Amazon.
- Demonstrated an extraordinary command of the professional and communication skills required to engage with vendors from a variety of ethical backgrounds.
- Consistent performance was achieved by paying special attention to detail and using CTPS standard operational processes. Identified existing fraud tendencies, discovered new modus operandi trends, and implemented risk-mitigation strategies.

Projects : Blockchain-Based Security Solutions for Cloud Computing

Certification
- CompTIA Security+ - June 2023
- Advanced Cybersecurity - " Threats and Governance" – June 2023
- Great learning Machine Learning in AWS - June 2023
- Great learning ISO 27001 Foundation - Information Security Certification – June 2023
- Qualys Vulnerability Management – May 2023
- Qualys Endpoint Detection and Response – May 2023

EDUCATION
Saint Louis University, Saint Louis, Missouri   May'24
Master's in Cybersecurity   GPA 3.89/4.0