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RISK & COMPLIANCE | AUTOMATION | DIGITAL FORENSICS | CEH | CTF PLAYER

Senior Security Analyst specialising in PCI DSS compliance and cybersecurity risk, with a foundation rooted in ethical hacking and digital forensics. Supports risk-based assessments across PCI DSS, HIPAA, and SWIFT frameworks, focusing on evidence validation and audit readiness. Known for spotting gaps in existing processes and engineering automation workflows that eliminate manual overhead, whether optimising what exists or building something entirely new. A technophile at heart, consistently pushing to learn faster, work smarter, and stay ahead in a field that never slows down.

PROFESSIONAL EXPERIENCE

Senior Security Analyst – IS PCI & Compliance Assessments

Jun 2024 – Present

Synchrony Financial

- Supports end-to-end PCI DSS 4.0.1 compliance assessments, covering evidence validation, application reviews, and audit readiness activities
- Manages Risk and Regulatory (RITM) review operations through ServiceNow, ensuring accurate classification, timely processing, and audit-ready documentation
- Built automation workflows using Power Automate and Python that reduced manual effort by 60 to 70% per task, saving the team approximately 50 hours monthly
- Coordinates internal audit evidence and responses for SWIFT Assessments, ensuring timely submissions and accurate documentation
- Identified gaps in operational processes and delivered workflow improvements across the team and select cross-functional business units
- Partnered with Governance, SOX, and Disaster Recovery teams to design and deploy independent automation solutions tailored to their specific needs
- Supported CMDB Risk Assessment activities and contributed to broader control validation obligations

Security Analyst – Risk Management

Apr 2023 – Jun 2024

Synchrony Financial

- Supported PCI DSS compliance assessments, contributing to application reviews, evidence collection, and audit documentation aligned with internal assessment cycles
- Managed application onboarding reviews through ServiceNow, coordinating with application teams to evaluate data elements and determine PCI scope
- Assisted in HIPAA assessment activities, broadening exposure across multiple risk and regulatory frameworks
- Contributed to enhancements of the internal PCI portal, supporting evidence submission workflows and assessment tracking improvements
- Identified early opportunities for process automation within existing review workflows, laying the groundwork for later automation initiatives

Security Analyst Intern – Detection and Response

Feb 2022 – Apr 2023

Synchrony Financial

- Gained hands-on exposure to corporate SOC workflows and detection and response processes within a large financial institution
- Worked with Splunk as a monitoring tool, learning to write queries for log analysis and security event investigation
- Developed a proof-of-concept for Synapse, a cyber threat intelligence platform, building the core logic in Python to detect malware and malicious files and trigger alerts within the Splunk environment
- Explored the Synapse and Storm platform for threat intelligence analysis, including IOC correlation, malware investigation, and indicator enrichment

Bug Bounty Hunter Intern

Aug 2021 – Dec 2021

Ersegment

- Performed web application scanning and manual vulnerability assessments on government and e-commerce platforms under the Ersegment bug bounty program
- Identified and reported security vulnerabilities, with findings acknowledged by target organizations

SKILLS

- **Compliance & Risk Management** – PCI DSS, HIPAA, SWIFT Assessment, CMDB Risk Assessment, Control Validation, Audit Documentation, Evidence Collection
- **Process & Automation** – Gap Analysis, Workflow Automation, Microsoft Power Automate, ServiceNow, Python, Bash, Microsoft 365
- **Security Operations** – Splunk, Vulnerability Assessment, Threat Intelligence, Digital Forensics, Network Security Fundamentals
- **Penetration Testing Tools** – Burp Suite, Nmap, Metasploit, Wireshark

ACHIEVEMENTS

- Designed and published the "Disk Analysis & Autopsy" room on TryHackMe, a hands-on digital forensics challenge completed by over 22,000 learners worldwide contributing an active learning resource to the global cybersecurity community
- First place in the CTF event hosted by VIT Chennai
- Second place at InCTF Nationals 2021
- Third place at Aurora 2.0 CTF, Delhi Technological University
- Fourth place at The Great AppSec Hackathon

CERTIFICATES

Certified Ethical Hacker Practical EC-Council	Nov 2022
Certified AppSec Practitioner (CAP) The SecOps Group	Jan 2023
Digital Forensics Essentials (DFE) CodeRED	Feb 2022
Complete Digital Forensics Masterclass Udemy	July 2021
NDG Linux Essentials Cisco Networking Academy	July 2021
Programming with Python for Data Sciences	Oct 2019

LEADERSHIP & VOLUNTEERING

- Led the OWASP Sathyabama Student Chapter, organising cybersecurity awareness activities and community engagement initiatives
- Volunteered at cybersecurity events including Rootsectak and OWASP Chennai

EDUCATION

B.E (Computer Science Engineering) <i>Sathyabama Institute of Science and Technology (Deemed to be University)</i>	2019 – 2023
General Group – II (Computer Science and Maths) <i>Seventh Day Adventist School (TN State Board)</i>	2018 – 2019
General Group – I (ICSE) <i>Seventh Day Adventist School</i>	2016 – 2017