Akshita Sharma

Lead Cybersecurity Analyst | SOC Analyst | DLP Analyst

Charlotte, NC | akshita.sharma11297@gmail.com | (704) 614-6069 | https://www.linkedin.com/in/akshita-sharma01/

EDUCATION

Master of Science in Cyber Security, *University of North Carolina Charlotte*, *Charlotte NC* | *GPA: 4.0*   *Dec 2023 - Present*

Bachelor of Engineering in Electronics and Telecommunication, *University of Mumbai*, *Mumbai, India*   *May 2019*

TECHNICAL SKILLS

Security Operations & Threat Detection: SIEM (Splunk, Elasticsearch, LogRhythm, Qradar), IDS/IPS, EDR/XDR, SOC Monitoring, Threat Hunting

Cloud & Network Security: AWS, CASB, Web Security Gateway, Email Security Gateway, Firewalls

Endpoint Security: Symantec, McAfee, Digital Guardian, Titus Data Classification, Forcepoint DLP, Netskope DLP, Information Rights Management (IRM)

Programming & Operating System: Python, Jave, C, Assembly, CLI, PowerShell Scripting | Windows, Linux, MacOS

Compliance & Risk Management: NIST, GDPR, HIPAA, PCI-DSS, ISO 27001, Zero Trust Architecture

EXPERIENCE

Lead Cybersecurity Analyst | *Essen Vision Software Ltd., Mumbai*   *Jan 2020 to April 2023*

- Led a 24/7 SOC team of 15 security analysts, managing incident detection, response, and configuring DLP policies, data classification, and CASB integration.
- Improved and fine-tuned over 120+ security correlation rules and alerts in SIEM (Elasticsearch, Splunk, McAfee, Digital Guardian), enhancing threat detection accuracy by 65%.
- Developed incident response plans (IRP) and standard operating procedures (SOPs), streamlining security monitoring processes and improving security handling.
- Spearheaded DLP and Cloud security deployments for 20+ high-priority clients in banking, healthcare, and government sectors, leading to a 99% reduction in data incidents (from 8 million to 50K).
- Streamlined the implementation of CASB, email security gateways, and network traffic analysis to detect and prevent data exfiltration for 10+ BFSI clients.
- Offered mentorship and security training for 30 junior analysts, improving their expertise in SIEM, DLP and CASB.

Assistant Graduate Teacher - Malware Analysis | *University of North Carolina, Charlotte*   *Aug 2024 - Present*

- Delivered lectures on security mechanisms, threats, and attacks to a class of 77 students, referencing trust models.
- Administered students in setting up VirtualBox, Windows XP guest VM, OllyDbg, Wireshark, and malware analysis tools.
- Coached OS security principles, covering host security protections, system call lifecycles, and Windows API interactions.
- Facilitated hands-on sessions on static and dynamic malware analysis, improving student competency in analyzing malware behavior by 85%
- Led discussions on covert malware launching techniques, such as process injection, hook injection, and rootkits.

PROFESSIONAL PROJECTS

Security Incident Monitoring and Data Leakage Prevention Implementation, *Injazat (UAE)*   *Nov 2020 - April 2023*

- Spearheaded real-time security monitoring and continuous security assessments; utilized feedback from three major stakeholders to enhance security posture by creating dashboards and risk portfolios.
- Optimized incident detection workflows using SIEM and IDS/IPS solutions, reducing false positives by 40%.
- Verified current architecture, data handling procedures, Information Security Management Policies and practices.

Data Security & Risk Assessment | *Ras Al Khaimah Economic Zone (UAE)*   *Jan 2022 - Jan 2023*

- Led a 20-member security team, ensuring the deployment of DLP and data classification tools for securing cloud and on-prem environments.
- Developed data protection policies and incident response playbooks, preventing unauthorized access and data breaches.
- Organized threat intelligence assessments, improving the organization's security posture against emerging cyber threats.

CERTIFICATIONS

- CompTIA Security+   *February 2025*
- Amazon Web Services - Cloud Solutions Architect   *November 2024*
- Forcepoint Partner Web Security Administrator   *March 2023*
- Forcepoint Partner DLP Administrator   *Feb 2023*
- Netskope Security Cloud Integration and Implementation (NSCI&I)   *July 2021*