

Akshita Sharma

Lead Cybersecurity Analyst | SOC Analyst | DLP Analyst

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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, Java, C, Assembly, CLI, PowerShell Scripting | Windows, Linux, MacOS

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

EXPERIENCE

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

- Assessed and evaluated **enterprise security systems**, performed **vulnerability testing**, and developed **security controls** to mitigate risks.
- Led a **24/7 SOC team** of 15 analysts, managing **incident detection, response, and remediation**, while optimizing **DLP policies, CASB integrations, and email security** to prevent data exfiltration.
- Investigated **security violations, analyzed logs**, and collaborated with **internal teams and external agencies** to address security exceptions and ensure compliance.
- Spearheaded **DLP and cloud security implementations** for **20+ high-profile clients**, reducing **data incidents by 99% (from 8M to 50K cases)** and strengthening security posture.
- Assisted in **security solution implementation**, including vendor assessments and **contract reviews** to ensure compliance with security requirements.
- Provided **Level 3 escalation support**, conducted **risk governance oversight**, and delivered **security dashboards, metrics, and reports** to senior management.

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

- Assisted in delivering lectures on security mechanisms, threats, and attacks, referencing trust models and semantic gaps.
- Guided students in setting up VirtualBox, Windows XP guest VM, IDA, OllyDbg, Wireshark, and malware analysis tools.
- Taught OS security principles, covering host security protections, system call lifecycles, and Windows API interactions.
- Conducted hands-on sessions on static and dynamic malware analysis, exploring functionality, persistence mechanisms, and privilege escalation techniques and graded student's assignments.
- 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**

- Conducted real-time security monitoring and network traffic analysis to identify anomalies and potential threats, leading to enhanced security posture by creating dashboards and risk portfolios.
- Implemented incident detection workflows using SIEM and IDS/IPS solutions, significantly reducing false positives.
- Reviewed 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.
- Conducted threat intelligence assessments, improving the organization's security posture against emerging cyber threats.

CERTIFICATIONS

- 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**
- Netskope Cloud Security Administrator (NCSA) **May 2020**