

AATHITHYA SHANMUGA SUNDARAM

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PROFESSIONAL SUMMARY

Early-career cyber risk and privacy-focused professional with hands-on experience identifying personal data exposure, assessing security-driven privacy risks, and supporting mitigation through clear reporting and awareness initiatives. As Chairman of the Cyber Club, delivered structured security and privacy awareness programs to 1K+ participants. Conducted responsible disclosures by identifying publicly exposed personal data & access control issues using OSINT techniques.

TECHNICAL SKILLS

- ✓ Privacy Risk Assessment
- ✓ Web Application Security Assessment
- ✓ Security & Privacy Risk Reporting
- ✓ Ethical hacking & Penetration Testing
- ✓ Threat Detection & Incident Response
- ✓ Security & Privacy Awareness Program

PROFESSIONAL EXPERIENCE

Independent

Privacy Risk & Data Exposure Analyst | March 2025 - Present

- Identified PII exposure in web portals of multiple top-tier Indian institutions using advanced OSINT techniques.
- Reported publicly accessible directories in technical institutes and private service providers, potentially exposing sensitive server-side data.
- Detected exposed index directories and misconfigured access controls in private colleges, risking unauthorized access to internal files.

American International Group

Information Security Analyst - Virtual Intern | March 2025 - March 2025

- Conducted cyber threat analysis, monitoring CISA (Cybersecurity & Infrastructure Security Agency) publications for emerging vulnerabilities.
- Performed vulnerability assessment and drafted remediation reports to mitigate potential cyber threats, demonstrating strong cyber threat intelligence skills.
- Drafted clear and actionable remediation guidance to assist internal security teams in mitigating threats.

MasterCard,

Security Awareness Team - Virtual Intern | May 2024 - May 2024

- Completed a Job simulation where I served as an analyst on MasterCard's Security Awareness Team
- Conducted threat analysis to identify and mitigate phishing attacks, enhancing security awareness across teams.
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

ACADEMIC BACKGROUND

2023 - Present | Sri Ramakrishna College of Arts & Science

Bachelor of Computer Science - Cyber Security

2022 - 2023 | Motherland Matriculation Higher Secondary School

Higher Secondary Education

RELEVANT PROJECTS

ForensicsDrill: Hands-on Educational DFIR Tool

October 2025 - November 2025

- Built an offline DFIR training simulator with randomized evidence generation, and incident-based scenarios, enabling hands-on investigation without external dependencies.
- Designed a complete investigation workflow (IOC scanning, timeline analysis, process inspection, reporting) used by students to practice realistic ransomware, credential theft, and persistence analysis cases.

BlackSpine: Incident Mapper Tool

October 2025 - October 2025

- Built an incident-mapping platform that transforms unstructured logs and analyst notes into an interactive intelligence graph using adaptive entity extraction and NetworkX-based relationship modeling.
- Designed a real-time Streamlit interface with Plotly visualization and automated IOC influence ranking, enabling rapid incident triage and evidence correlation for security analysts.

ClarusSight: CTI Dashboard

September 2025 - November 2025

- Developed an AI-driven threat intelligence dashboard using Flask, integrating Isolation Forest anomaly detection to predict surges and identify irregular cyber activity.
- Built interactive analytics modules (trend visualization, geolocation mapping, severity classification, data filtering/export) that convert raw threat datasets into actionable intelligence for security teams.

ROLES & RESPONSIBILITIES

- Chairman of Cyber Club - SRCAS 2023 - Present
- Member of Food Bank Coimbatore 2016 - Present
- Head of Discipline Committee - MLM 2017 - 2021

CERTIFICATIONS

- ISO/IEC 20000 IT Service Management Associate - June 2025
- ISO/IEC 27001 Information Security Associate - March 2025
- Security Blue team Certification on Introduction to PowerShell - August 2024
- Security Blue team Certification on Introduction to Dark web Operations - May 2024
- Credly Badge on Introduction to Cybersecurity Issued by Cisco - May 2024
- Cyber Security Awareness: Cybersecurity Terminology on LinkedIn - Nov 2023
- The Cybersecurity Threat Landscape on LinkedIn - Nov 2023
- INFOSEC Certification on Cybersecurity Foundations - Nov 2023
- Google Certification on Play it Safe: Manage Risks on Coursera - Sept 2023
- Google Certification on Foundations of Cybersecurity on Coursera - July 2023