AATHITHYA SHANMUGA SUNDARAM

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PROFESSIONAL SUMMARY

Cybersecurity enthusiast with expertise in penetration testing and awareness training. As Chairman of the Cyber Club of SRCAS, I've educated 1K+ individuals through workshops, live hacking demos, and awareness sessions. Independently reported responsible disclosures to India's top-tier technical institutions, private colleges, and web service providers, uncovering vulnerabilities like PII exposure & misconfigured directories using advanced OSINT techniques.

TECHNICAL SKILLS

- ✓ Ethical hacking & Penetration Testing
- ✓ Identity & Access Management
- ✓ Web Application Security Assessment
- ✓ Threat Detection & Incident Response
- ✓ Security report Writing
- ✓ Cybersecurity Awareness & Education

PROFESSIONAL EXPERIENCE

Self Employed

Bug Bounty Hunter | 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 | Motherlaand 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.

Cyber Threat Intelligence Dashboard   **September 2025 - November 2025**

- Developed an AI-driven threat intelligence dashboard using Streamlit, integrating Prophet-based forecasting and 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**