
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 – SRCAS, I've educated 350+ individuals through hands-on workshops, live hacking demos, and awareness sessions. Independently reported 9 responsible disclosures to India's top-tier technical institutions, private colleges, and web service providers, uncovering vulnerabilities like PII exposure and misconfigured directories using advanced OSINT techniques.

TECHNICAL SKILLS

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| ✓ Ethical Hacking & Penetration Testing | ✓ Threat Detection & Incident Response |
| ✓ Identity & Access Management | ✓ Security Report Writing |
| ✓ Web Application Security Assessment | ✓ Cybersecurity Awareness & Education |

PROFESSIONAL EXPERIENCE

Self Employed - Freelancer

Web Application Penetration Tester | 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 - 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 - 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

Torshammer, An Open-Source Contribution

March 2025 - March 2025

- Updated an outdated open-source cybersecurity tool by optimizing its Python code to restore functionality.
- Focused on code improvements, compatibility fixes, and performance enhancements for testing network resilience.
- Technologies: Python, DoS Attack Simulation.

Passwordless Authentication System

January 2025 - February 2025

- Developed a password-less login system using device fingerprinting (User Agent, Screen Resolution, IP, Timezone).
- Technologies: Python (Flask), HTML/CSS, Authentication Algorithms.

AWARENESS CAMPAIGNS

- Gave awareness on “Cyber Crime Prevention” to 30+ students at Thiyagi. N. G. Ramaswamy Memorial Higher Secondary School – February 2025
- Conducted an educational session with 65+ students on “Why Online Privacy is a Myth?” at Sri Ramakrishna College of Arts & Science – August 2024
- Conducted an educational session with 65+ students on “Introduction & Importance of Cyber Security” at Sri Ramakrishna College of Arts & Science – August 2024
- Gave awareness on “Cyber Crime Prevention” to 65+ students at Sri Ramakrishna Matriculation Higher Secondary School – February 2024

ROLES & RESPONSIBILITIES

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| • Chairman of Cyber Club - SRCAS | 2023 - Present |
| • Cybersecurity Awareness Leader 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
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