

AATHITHYA SHANMUGA SUNDARAM

ISO/IEC 270001 Information Security Associate | Google & Cisco Certified
aathithyaacharya@outlook.com • [LinkedIn](#) • [GitHub](#) • [Website](#)

Professional Summary

Final-year B.Sc. Cybersecurity student with hands-on experience in vulnerability analysis, threat simulations, and cybersecurity awareness. Experienced in collaborating with IT teams to identify security gaps, create compliance reports, and implement security controls. Proficient in documenting findings, performing gap analyses, and delivering impactful training on cyber threats. Eager to contribute analytical skills and cybersecurity knowledge as part of a dynamic Security Operations team.

Skills

- Web Application Security Assessment
- Cybersecurity Awareness & Training
- Threat Detection & Incident Response
- Ethical Hacking & Penetration Testing
- Cybersecurity Tools (eg. ZAP, Nmap)
- Access Control Policy & IAM

Experience

2025-PRESENT

WEB APPLICATION SECURITY TESTER - FREELANCE

- Conducted gap analysis and vulnerability assessments for educational and online systems.
- Documented security weaknesses and drafted remediation plans based on findings.
- Advised on responsible disclosure, aligning with organizational compliance standards.

2025-2025

VIRTUAL INTERN - AMERICAN INTERNATIONAL GROUP

- Used CISA feeds to stay ahead of threats and improve threat modeling processes.
- Assisted in preparing documentation for internal security reports and compliance tracking.
- Collaborated with cross-functional teams to resolve identified vulnerabilities.

2024-2024

VIRTUAL INTERN - MASTERCARD

- Delivered training and awareness sessions on phishing and other cyber threats.
- Participated in threat detection and mitigation, improving internal response strategies.
- Created SOPs for security incident analysis and awareness alignment.

Education

2024-PRESENT

B.Sc Computer Science with Cyber Security

Sri Ramakrishna College of Arts & Science, Coimbatore, TN

2023-2024

Higher Secondary Education

Motherlaand Matriculation Higher Secondary School, Coimbatore, TN

Projects

2025-PRESENT

TORSHAMMER - OPEN SOURCE CONTRIBUTION

- Updated an outdated open-source cybersecurity tool by optimizing its Python code to restore functionality.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.

2025-2025

PASSWORDLESS AUTHENTICATION SYSTEM

- Designed and implemented a secure login system using device fingerprinting and MFA.
- Focused on authentication, user access control, and reducing password-related vulnerabilities.

Sessions & Seminars

- 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**

Position of Responsibilities

2024-PRESENT

Chairman of Cyber Club SRCAS

2024-PRESENT

Cybersecurity Awareness Leader of Cyber Club SRCAS

2016-PRESENT

Member of Food Bank Coimbatore

2017-2021

Head of Discipline Committee MLM

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