

SHREYA KANNABIRAN

B.Tech Cybersecurity and IOT

PROFILE

B.tech Computer Science engineering graduate specializing in cybersecurity and IoT. Skilled in penetration testing, ethical hacking, and security tools such as OWASP ZAP, Burp Suite, and Wireshark.

Gained practical experience through internships and academic projects, and gained exposure to ISO 27001, SOC 2, HIPAA, and PCI DSS through audit support, policy development, and compliance documentation activities.

EXPERIENCE

INFOSEC ANALYST MITHRA CONSULTING

FEB 2026 - PRESENT

- Successfully converted to full-time Infosec Analyst role upon completion of internship
- Supporting ISO 27001 and SOC 2 Type I/II audit activities across multiple clients.
- Assisting with the implementation and monitoring of security controls aligned with ISO 27001 and SOC 2 requirements.
- Maintaining policies, procedures, and control documentation to ensure audit readiness
- Gained foundational knowledge of HIPAA and PCI DSS through policy development activities.
- Supported HIPAA and PCI DSS policy development initiatives.

INTERN MITHRA CONSULTING

OCT 2025 - JAN 2025

- Joined as Intern at Mithra Consultancy.
- Gained hands-on experience on web vulnerability assessment and penetration testing on project.
- Conducting web vulnerability assessments and penetration testing on client projects.
- Identifying, documenting, and remediating security vulnerabilities across web applications.
- Gained practical exposure to ISO 27001, SOC 2, and HIPAA requirements through participation in audit preparation and compliance assessments.

INTERN QRSOLUTIONS

FEB 2025 - JUNE 2025

- Placed as an Intern in an Australian based company
- Performed penetration testing on test environments to identify vulnerabilities and misconfigurations.
- Gained hands-on exposure to common security flaws and their remediation.
- Used tools such as Burp Suite, OWASP ZAP, and Nmap to simulate real-world attack scenarios.
- Prepared and delivered structured vulnerability reports, which were appreciated by supervisors.
- AWS training : worked on real time scenarios on servers and building and using services .
- Undergone training in DevOps CI/CD pipeline
- working knowledge on Cypress automation testing , unit testing with POSTMAN API

CONTACT



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EDUCATION

2021 - 2025

B.tech Computer Science and Engineering cybersecurity and IOT

Sri Ramachandra Institute of Higher education and Research Porur, Chennai

2020 - 2021

IGCSE A LEVEL class 12th

Lalaji Memorial Omega International School , Pallavaram Road, Kovur, Kolapakkam, Chennai,

SKILLS

- ISO 27001 Compliance & Audit Processes
- SOC 2 Type I & II Compliance & Audit Processes
- Penetration Testing (OWASP ZAP, Burp Suite, Nmap)
- Ethical Hacking (SQLi, XSS, IDOR in test environments)
- Network Security & Cryptography
- Wireshark, Kali Linux basics
- Python programming
- AWS (EC2, S3, IAM basics)
- DevOps CI/CD pipeline exposure
- Cypress automation testing, API testing with Postman
- Data analytics (SQL, Tableau)

LANGUAGE

- Tamil
- English
- Hindi
- French (learning)

INTERN IN MERKRR.IO START-UP

FEB 2023-APR 2023

- Developed a web application for a SaaS product in the development stage, aimed at recruiting beta testers.
- Integrated Bubble.io (a no-code platform) for faster deployment, as recommended by the company.
- Implemented backend functionality to store user data for beta tester sign-ups.
- Utilized the website for the official product launch.

PROJECTS

• IOT simple face recognition security system:

Contributed to a group project developing facial recognition software using a Raspberry Pi and camera, storing facial data for identification purposes.

• Data Visualization of Amazon prime shows :

Analysed Amazon Prime movie and TV show data (release dates, ratings, genres) in a group project. Developed an interactive Tableau dashboard for selecting films by year and genre.

• Artificial Intelligence Systems for Illicit Drugs and Major Crimes Forensics in the Dark Web:

Collaborated on a team project to develop an AI System to identify and analyse dark web activities using machine learning, python-based data processing, threat classification and predictive analytics for an enhanced cybersecurity and forensic solutions.

• Ethical Hacking with Python :

Collaborated on a team project aimed at identifying and mitigating security vulnerabilities by implementing Python-based ethical hacking techniques.

CERTIFICATES

CAMBRIDGE ENGLISH: B1 PRELIMINARY

CAMBRIDGE ENGLISH : B2 FIRST

CISCO INTRODUCTION TO CYBERSECURITY

TRYHACKME Pre security

TRYHACKME JR PENTRATION TESTER LEARNING PATH

Claude 101

Claude Code 101

Google Cybersecurity Professional Certificate