

# SIVADHARANI

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## PROFILE SUMMARY

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Entry-level SOC Analyst with foundational knowledge in cybersecurity, system administration (Windows, Linux), and incident monitoring. Skilled in shell scripting, log analysis, and basic threat detection. Eager to support SOC operations, triage alerts, and contribute to secure enterprise environments. Adept at triaging alerts, performing root cause analysis, and supporting incident response processes.

## EDUCATION

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### Master of Computer Applications (MCA)

Tiruchirappalli, Tamil Nadu.

July 2025

CGPA: 8.4

### Bachelor of Computer Applications (BCA)

Mayiladuthurai, Tamil Nadu.

April 2023

CGPA: 8

## TECHNICAL SKILLS

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**Security Tools:** Kali Linux, Wireshark, Nmap, Burp Suite, Metasploit

**Monitoring and Detection:** Web traffic analysis, Log analysis, SIEM (Splunk), IDS/IPS concepts

**Operating System:** Windows, Linux (administration + security basics)

**Frameworks and Standards:** NIST, ISO 27001, CIS Controls (basic knowledge)

**Scripting and Automation:** Python, Bash (log parsing, automation), basic Regex

**Networking Fundamentals:** TCP/IP, Firewalls, Proxies, VPNs

**Cloud and Endpoint:** Cloud security monitoring (AWS/Azure), Endpoint detection concepts

**Tools:** Git, Bash, SQL, Flask

## PROJECTS

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### WebDefender-X | Python, Scikit-learn, Flask, Linux

- Developed a machine learning-based WAF to mitigate SQLi, XSS, and DDoS attacks, featuring a real-time monitoring dashboard and adaptive anomaly detection for enhanced security response.

### Secure Port Scanner | Python, Flask, JavaScript, Nmap

- Built a web-based scanner for CVE-referenced vulnerability detection and real-time reporting; implemented secure input handling and RBAC, applying Scrum practices for feature delivery.

### SafeShort | Python, Flask, SQLite

- SafeShort is a secure, fast, and lightweight URL shortening platform that integrates malicious URL detection, hash-based short code generation, and safe redirection logic.

## INTERNSHIP EXPERIENCE

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### Cyber Security Intern | Academor | Bangalore, India

March–May 2025

- Built WebDefender-X (WAF) with real-time monitoring, anomaly detection, and rule-based evaluation; performed log analysis, traffic inspection, and security event triage.

### Ethical Hacking and Penetration Testing Intern | C-DAC | Virtual

Dec. 2024–Jan. 2025

- Conducted banner grabbing, vulnerability assessment, and exploitation validation; documented exposures and prepared structured remediation reports.

## CERTIFICATIONS

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**Tools of the Trade:** Linux and SQL – Google Cyber Security Certificates

**Play It Safe:** Manage Security Risks - Google Cyber Security Certificates

**Cyber Security Analyst Job Simulation** – Forage (TATA Group Program)