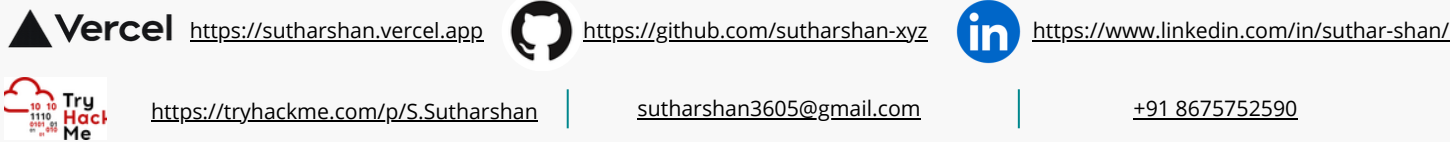


# SUTHARSHAN S

## Application Security Engineer



### Profile Summary

Application Security Engineer skilled in VAPT, penetration testing, and secure code review. Responsibly disclosed vulnerabilities to NASA, Flipkart, and others. Focused on building secure, resilient applications.

### Professional Skills

**Application Security:** Web, Android, APIs, OWASP Top 10, VAPT, Secure Code Review, SAST / DAST

**Tools:** Burp Suite, Nmap, Metasploit, Kali Linux, Wireshark, JADX, Nessus, Nikto, sqlmap, Postman

**Programming & Scripting:** Python, JavaScript, Node.js, Java, C, SQL, HTML, CSS, Bash Scripting, REST APIs

**Infrastructure & DevOps:** Linux, Docker, Git / GitHub, AWS, Networking, TCP/IP, HTTP/HTTPS

### Education

**B.Tech - Computer Science & Business Systems** CGPA : 7.74 ( Up to 7th Semester ) 2022-2026  
PSNA College Of Engineering & Technology

### Work Experience

- |  |  |                            |
|--|--|----------------------------|
| <b>Project Trainee - Application Security</b>  | <b>Zoho Corporation</b>                | <i>Nov 2025 - Dec 2025</i> |
| <ul style="list-style-type: none"><li>Detected &amp; mitigated client-side vulnerabilities; performed hands-on pentests on internal apps simulating real-world attack scenarios.</li></ul> |  |                            |
| <b>Cyber Security Intern</b>   | <b>Codec Technologies India</b>        | <i>Jul 2025 - Aug 2025</i> |
| <ul style="list-style-type: none"><li>Conducted assigned security assessments, documented findings, and submitted structured vulnerability reports.</li></ul>                              |  |                            |
| <b>Independent Security Researcher</b>   | <b>Intigriti / Bug Bounty Programs</b> | <i>Nov 2024 - Jan 2025</i> |
| <ul style="list-style-type: none"><li>Identified &amp; responsibly disclosed vulnerabilities in client web/API surfaces; conducted full exploitability &amp; impact assessments</li></ul>  |  |                            |

### Projects

**CSRF Vulnerability Demo & Mitigation (Flask)** Flask, Python, WTForms, Secure Coding  
Developed a vulnerable Flask web application demonstrating CSRF exploitation on session-based login, and secured it using WTForms CSRF tokens.

**SSH & Web-Based Honeypot** Python, Paramiko, Threat Monitoring  
Simulated vulnerable SSH and web services to capture attacker interactions and log brute-force attempts in real time.

**Network Intrusion Detection System** Python, YARA, Npcap, TCPdump  
Developed a Python-based NIDS integrating YARA rules for signature-based detection, Npcap for packet capture, and TCPdump for deep network traffic analysis and threat logging.

### Achievements

- TryHackMe** Global **Top 1%** out of 3M+ users (275+ labs completed)
- Letter of Recognition - **NASA** ( Vulnerability Disclosure )
- Letter of Recognition - **University of Oslo** ( Vulnerability Disclosure )
- 2 x** Letter of Recognition - **Flipkart** ( Vulnerability Disclosure )

### Certifications

- Certified AppSec Practitioner V2** ( The SecOps Group )
- Google Cybersecurity Professional Certificate** ( Coursera )