

# Aruvasaga Chithan A

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## Professional Summary

A results-oriented Cybersecurity Engineering student with a strong foundation in offensive security and ethical hacking. Proficient in identifying and exploiting vulnerabilities to strengthen digital environments, I have hands-on experience with tools like Metasploit, Burp Suite, OWASP ZAP and Wireshark. My focus is on providing real world solutions for vulnerability management, incident response, web and network security.

## Education

<b>B.E. Computer Science Engineering (Cyber Security)</b>	<b>2023 – 2027</b>
Sree Sakthi Engineering College, Coimbatore	(Grade: A+)
<b>HSC</b>	<b>March 2023</b>
Sri Ram Matric Higher Secondary School, Cuddalore	(82.7%)
<b>SSLC</b>	<b>March 2021</b>
Sri Ram Matric Higher Secondary School, Cuddalore	(Passed)

## Skills

**Vulnerability Assessment & Penetration Testing:** Metasploit, Burp Suite, OWASP ZAP, Nmap, Nessus, Wireshark, OpenVAS

**Security Concepts & Operations:** OWASP Top 10, CWE, CVE, CVSS, Incident Response, SIEM, Threat Intelligence, Firewall Configuration

**Programming & Scripting:** Python, Bash, C++, JavaScript

**Operating Systems & Networking:** Kali Linux, Windows Server, Ubuntu, TCP/IP, DNS, HTTP/HTTPS

**Soft Skills:** Analytical thinking, technical communication, team collaboration, cybersecurity research

## Projects

### Vulnerability Scanner [GitHub]

- Developed a network vulnerability scanner with a 94% success rate in identifying common misconfigurations, streamlining the security assessment process.
- Engineered a GUI for enhanced usability and clear reporting.

### Packet Sniffer (CLI-Based) [GitHub]

- Built a command-line packet sniffer that accurately captured network traffic, enhancing threat intelligence for incident response.

### CLI-PortScanner [GitHub]

- Engineered a high-speed port scanner which improved reconnaissance efficiency by 50% through TCP SYN and UDP scanning.

## Certifications

Jan 2025 – <b>Jr. Penetration Tester</b>	TryHackMe
Nov 2024 – <b>Web Fundamentals</b>	TryHackMe
Aug 2025 – <b>Google Cybersecurity Professional Certificate</b>	Coursera
Apr 2025 – <b>Computer Networks and Internet Protocol (58%)</b>	NPTEL
July 2025 – <b>eJPT(eLearning Junior Penetration Tester)</b>	INE Security ( <i>In Progress</i> )