

Education

<b>Bachelor of Engineering in Computer Science and Engineering</b> Vel Tech Multi Tech Engineering College, Avadi, Tamil Nadu	<b>2023-2026</b> CGPA: 7.53/10
<b>12th Grade, Science Stream</b> Sethu Bhaskara Higher Secondary School, Chennai, Tamil Nadu	<b>2022</b> Percentage: 78.2%

Skills & Experience

Skills	Open Source Contributor	GitHub/GitLab
<ul style="list-style-type: none"><li><b>Programming Languages:</b> Python (Intermediate)</li><li><b>Web Development:</b> HTML, CSS</li><li><b>Tools &amp; Technologies:</b> LaTeX, GitHub, Visual Studio Code</li><li><b>Cybersecurity:</b> Network Security, IDS, CTF Player, TryHackMe (Top 7%)</li></ul>	<i>Ongoing</i> <ul style="list-style-type: none"><li>Contributed various tools related to cybersecurity and development.</li><li>Regularly engage with the open-source community, reviewing and enhancing projects cleanly and effectively.</li></ul>	

Projects

<b>Snort Intrusion Detection System Implementation</b> <i>Developed an IDS using Snort on Ubuntu and Kali Linux to detect various attacks such as TCP port scans, SSH, FTP, SQL injections, and NMAP scans. Configured Snort with custom rules to enhance threat detection and response, demonstrating its effectiveness in a virtualized environment using VirtualBox.</i>	<b>April 2024 – May 2024</b>
<b>Black Energy Cyber Attack</b> <i>Made a research on Black Energy cyber attacks, focusing on their impact, techniques, and mitigation strategies. This research explores the advanced persistence and destructive capabilities of the Black Energy malware and offers insights into defense mechanisms against such sophisticated threats.</i>	<b>March 2024 – May 2024</b>
<b>Evil Twin Wi-Fi Hack: Network Vulnerabilities Exploration</b> <i>Conducted an Evil Twin attack to expose and analyze vulnerabilities in wireless networks. Demonstrated how rogue access points can be exploited to capture network traffic, showcasing the importance of secure network practices.</i>	
<b>Wifite-WPA Handshake Capture</b> <i>Used Wifite to automate WPA handshake capture, focusing on vulnerability detection and securing wireless networks. The project delves into the techniques for capturing and analyzing handshakes to assess network security.</i>	
<b>Bluetooth Packet Capture and Analysis</b> <i>Exploring Bluetooth packet capture and traffic analysis to identify potential vulnerabilities and security issues. This project focuses on using specialized tools to capture and dissect Bluetooth communication packets, identifying possible risks in wireless communication.</i>	

Achievements & Certifications

<ul style="list-style-type: none"><li>TryHackMe Rank: Top 7%</li><li>SANCS South Africa - Netherlands Cyber Security School</li><li>SQL Attack (EC-Council)</li><li>Cybersecurity Associate (PREGRAD)</li><li>Machine Learning For Industrial Application (RETECH SOLUTIONS PVT LTD)</li></ul>	<i>Ongoing</i> <i>March 2024 - April 2024</i> <i>February 2024 - May 2024</i> <i>April 2024 - April 2024</i>
--	---

## Extracurricular Activities

- Attended DEFCON Meetup
  - Attended NULL Chennai Meetup
  - Playing CTFs
- 

## Interest

- CTF,Cybersecurity, Open Source Contributions, Badminton