SATHISH M *Certified Penetration Tester | Ethical Hacker*

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PROFILE

Passionate Computer Science student skilled in Python development and cybersecurity fundamentals, with hands-on experience in scripting, automation, and secure coding practices. Eager to contribute to real-world projects through efficient coding and proactive problem-solving.

EDUCATION

2022 – Present perambalur	**B.E. Computer Science and Engineering,** *Dhanalakshmi Srinivasan Engineering College(A)* CGPA: 8.6
2020 – 2022 Gingee	**Higher Secondary Certificate,** *St. Joseph's Matric. Hr. Sec. School* 70%
2018 – 2020 Gingee	**Secondary School Leaving Certificate,** *St. Joseph's Matric. Hr. Sec. School* 94%

INTERNSHIP EXPERIENCE

08/2025 – 10/2025	**Cyber Nerd,** *Penetration Testing Intern* Practical experience In Ethical Hacking, Vulnerability Assessment, System Hardening, and Security Tools (Metasploit, Nmap, Burp Suite)
06/2024 – 08/2024	**Internship Studio,** *Ethical Hacking Internship* Conducted vulnerability assessments, penetration testing, digital footprinting using Metasploit, Burp Suite, Nmap, and Recon-ng tools.
11/2024 – 12/2024	**The Red Users** Completed comprehensive cybersecurity internship focusing on threat analysis, vulnerability assessment, and security protocols. Gained hands-on experience with enterprise security tools and incident response procedures.

SKILLS

Programming & Scripting
Core Java, Femilier with Python, C, C++, HTML, CSS, JavaScript, Bash, API Integration, Automation Scripts, Data Parsing & Analysis

Penetration Testing
Web, Network, and Cloud Pentesting, Reconnaissance, Enumeration, Exploit Development, OWASP Top 10, SQLi & XSS Testing, Reporting & Documentation

Offensive Security
Vulnerability Assessment, Exploitation, Privilege Escalation, Post-Exploitation, Metasploit Framework, Burp Suite Pro

Internet of Things (IoT) & Automation
Arduino, Raspberry Pi, MQTT Protocol, IoT Security, Cloud Data Logging, Smart Farming & Home Automation

Web & Cloud Security
Web/Cloud/Thickclient Pentesting, AWS Fundamentals

Cybersecurity & Ethical Hacking
Threat Analysis, SOC Fundamentals, Log Monitoring (Wazuh, GCP), Phishing Simulation, Incident Detection & Response, Security Automation

PROJECTS

AI-driven Network Intrusion Detection System using python, *Developed an intelligent network intrusion detection system leveraging machine learning to identify and prevent malicious network activities in real time. Technologies: Python, Scikit-learn, Wireshark, Snort, TensorFlow, Ubuntu Linux.*

Centralized Log Monitoring using GCP, Wazuh, and Apache Web Server, *Designed and implemented a centralized log monitoring solution using Google Cloud Platform (GCP) and Wazuh SIEM. Technologies: Google Cloud Platform, Wazuh, Apache Web Server, Ubuntu Linux.*

CERTIFICATIONS

Certified Penetration Testing - RedTeam Hacker Academy (Ongoing)

Advanced Ethical Hacking - GUVI

Offensive Pentesting - Cybrary

Wireshark & Metasploit-Infosys Springboard

Linux, Network Security, Nmap - Udemy

Diploma in C & C++ Programming
TCEDS, September 2022

Internet of Things (IoT) - NPTEL

Networking Basics
Cisco, August 202

Cybersecurity and Hacking - GUVI

CyberSecurity and Ethical Hacking - Internship Studio

WORKSHOPS &WEBINAR

08/2023	**Python Workshop From TopEngineers ,,** *IIT Madras Chennai*
10/2025	**Owasp Community Meetup,** *Coimbatore*
01/2025	**Cybersecurity Awareness Workshop,** *DSEC*
12/2024	**AI in Cybersecurity,** *National Webinar*
08/2024	**5 Days Internship Program From Promptinfo Tech**
03/2025	**2 Days Ethical Hacking Workshop,** *NIT (Remarkskills)*
12/2024	**Power BI Training,** *ICT acadamey*

LEARNING ACTIVITIES

- Actively practicing cybersecurity challenges on TryHackMe, OverTheWire, PortSwigger Labs, and PicoCTF.
- Gaining hands-on experience in ethical hacking, web exploitation, and network security.
- Continuously improving problem-solving and real-world attack-defense skills through practical labs.