

Padmanabhuni Harini Swetha

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Profile

Cybersecurity Undergraduate with hands-on experience in malware analysis, network security, ethical hacking. Skilled in tools like Wireshark, Nmap, Wazuh, Metasploit. Strong foundation in cryptography, intrusion detection and prevention, digital forensics, web application security and Linux. Passionate in analyzing threats and building secure environment.

Skills

Programming & Scripting: Java, Python, Bash

Cybersecurity Tools: Wireshark, Nmap, Burpsuite, OllyDBG, IDA Pro, Wazuh, Snort

Cloud & Database: AWS (Cloud Practitioner, Cloud Foundations), Oracle SQL

Design & Others: Figma, Linux

Projects

Footprinting of Emails and Websites

05/2025 – 05/2025

WHOIS, DNS Lookup, Email Header Analyzer

- Created sample website and email address.
- Tracked email and website's IP address, analyzed email packet headers.
- Discovered domain and subdomain of the website.

Network Vulnerability Scanner

01/2025 – 01/2025

Python, Socket, Multi Threading, Matplotlib

- Scans for open port for given IP addresses.
- Provides vulnerabilities the port is open to.
- Keeps on checking for new vulnerabilities.

Static and Dynamic Malware Analysis

01/2025 – 05/2025

FlareVM, Wireshark, Process Monitor, IDA Pro, OllyDBG

- Discovering the workings of the malware without executing it.
- Executing the code in cuckoo sandboxes (FlareVM).
- Using malware debuggers and disassemblers.

Education

BTech in Computer Science and Engineering (Cybersecurity Specialization)

09/2022 – Present

Vellore Institute of Technology, Amaravati

- CGPA: 8.66
- Relevant Coursework: Cybersecurity and Ethical Hacking (2025), AWS Cloud Foundation (2024), AWS Cloud Practitioner (2024)

High School Diploma

03/2020 – 03/2022

FIITJEE

Final Grade: 90.5%

Certificates

- Cybersecurity and Ethical Hacking - Blackbucks
- AWS Cloud Foundation
- AWS Cloud Practitioner

Leadership & Activities

Instructor , Mansi Art Club (2024-2025)

Trained and guided students in creative projects

Languages

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| • English | • Telugu |
| • Hindi | • German |
| • Korean | |