

Padmanabhuni Harini Swetha

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Enthusiastic and detail-oriented Cybersecurity undergraduate with a strong foundation in network security, cryptography, intrusion detection systems, and malware analysis. Skilled in identifying vulnerabilities, analyzing threats, and applying security protocols to protect digital assets. Adept at using tools like Wireshark, Nmap, and Metasploit, and knowledgeable in ethical hacking principles and Linux environments. Passionate about staying up to date with the latest cyber threats and developing secure systems.

Skills

- Java
- Wireshark
- Nmap
- Snort
- OllyDBG
- Python
- AWS
- IDA Pro
- Oracle SQL
- Figma

Projects And Academic Experience

Static and Dynamic Analysis of Malwares

- Discovering the workings of the malware without executing it.
- Tools Used: PView, PEiD, BinText, CFF Explorer, etc.
- Executing the code in cuckoo sandboxes (FlareVM).
- Tools Used: Wireshark, Process Monitor, Process Explorer, RegShot, etc
- Using malware debuggers and disassemblers.
- Tools Used: OllyDBG, IDA Pro, Ghidra, etc.

FootPrinting of Emails and Website

- Created sample website and email address.
- Tracked email and website's IP address, analyzed email packet headers.
- Discovered domain and subdomain of the website.
- Tools Used: whois, dns lookup, email header analyzer, IP Geolocation, IP Reputation, etc.

Network Vulnerability Scanner

- Scans for open port for given IP addresses.
- Provides vulnerabilities the port is open to.
- Keeps on checking for new vulnerabilities.
- Tools Used: Python, socket, threading, matplotlib, etc.

Education

Bachelor of Science in Computer Science and Engineering (expected in April 2026)

Vellore Institute of Technology - Amaravati, Andhra Pradesh, India

- CGPA 8.61
- Completed Coursework: CyberSecurity and Ethical Hacking, 2025.
- Completed Coursework: AWS Cloud Foundations, 2024.
- Completed Coursework: AWS Cloud Practitioner, 2024.
- Instructor, Mansi Art Club, 2024 - 2025.

High School Diploma March 2022

FIITJEE

- Final Grade: 90.5%

Certifications

- CyberSecurity and Ethical Hacking - 3 months
- AWS Cloud Foundation - 1 month
- AWS Cloud Practitioner - 1 month

Languages

English: 10/10
Telugu: 10/10
German: 4/10

Hindi: 10/10
Korean: 5/10