JAGADEESWAR MEDIDARAJU

CYBER SECURITY ENTHUSIAST

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PROFESSIONAL SUMMARY

B.Tech Cyber Forensics and Information Security student with hands-on experience in VAPT, web security, digital forensics, reconnaissance, CTFs, and security tooling. Currently a Cybersecurity Intern and team lead at CyART, contributing to a Dark Web Intelligence platform and coordinating module-level development. C|PENT-certified with practical experience building security tools for reconnaissance, forensic investigation, CTF automation, and security assessment workflows.

TECHNICAL SKILLS

Security: Penetration Testing, Web Application Security, Vulnerability Assessment, Reconnaissance, Digital Forensics, Privilege Escalation, OSINT, CTFs

Tools: Burp Suite, Nmap, Metasploit, Dirsearch, Gobuster, FFUF, Nikto, SQLmap, Hydra, John the Ripper, Netcat, Wireshark, Gobuster, SecLists

Programming: Python, Bash, JavaScript, HTML, CSS

Systems: Linux, Windows

PROFESSIONAL EXPERIENCE

CyART | Cybersecurity Intern & Team Lead **2026 – Present**

- Lead Module 2 development for a Dark Web Intelligence platform, coordinating multiple pods across crawling, data quality, extraction, and normalization.
- Own crawling-engine and data-quality workstreams, defining implementation requirements and coordinating integration across the intelligence pipeline.
- Review team contributions, shared interfaces, and integration points to maintain consistency across module implementations.

Greater Chennai Police Commissionerate | Cyber Security Intern **Mar 2025**

- Assisted with cyber-forensic investigations and digital evidence analysis within law-enforcement workflows.
- Conducted penetration-testing exercises and vulnerability assessments in simulated environments.
- Supported incident-response activities and documented technical findings for investigative reports.

PROJECTS

Email Header Investigation Tool | CyART Capstone

- Developed an email-forensics platform for .eml and raw-header analysis, covering sender/relay analysis, SPF, DKIM, DMARC, IOC extraction, and anomaly detection.
- Implemented email fingerprinting, relay-path visualization, HTML/remote-resource analysis, and tracking-pixel detection.

SecureScope | Python Security Toolkit

- Developed a modular security-assessment CLI for reconnaissance, evidence collection, and repeatable vulnerability-assessment workflows.
- Automated reconnaissance and structured findings to improve consistency across security assessments.

One For All | CTF Security Utility

- Developed a CLI toolkit for encoding/decoding, hash identification, cryptographic operations, and automation of common CTF tasks.

ArsenalX | Pentesting Tool Manager

- Developed a CLI for organizing, searching, deploying, and installing penetration-testing tools through categorized tool registries.

ACCOMPLISHMENTS & ADDITIONAL INFORMATION

Highlights

- Ranked in the top 2% on TryHackMe; active CTF and bug-bounty participant with hands-on experience in web security, reconnaissance, Linux privilege escalation, and exploitation.
- Cyber Security Intern, Greater Chennai Police Commissionerate with practical exposure to digital forensics and incident-response workflows.
- Cyber Security Intern, CyArt contributing to security tooling, dark-web intelligence, reconnaissance, and email-header investigation projects.

Technical Writing & Research

- Published Linux privilege-escalation and OverTheWire Bandit walkthroughs, documenting practical security techniques.
- Presented research on social engineering and human vulnerability in Medium

CTF, Projects & Community

- Built SecureScope, One For All, and ArsenalX for reconnaissance, security assessment, cryptographic analysis, CTF workflows, and security-tool management.
- Developed an Email Header Investigation Tool with SPF/DKIM/DMARC analysis, tracking detection, and investigation visualization.
- Contributed to a dark-web intelligence project, including crawling-engine architecture and research, while supporting team-level development.
- Founded Nucleus, a cybersecurity community focused on CTFs, hands-on learning, careers, and security discussions.

CERTIFICATIONS

- **Certified Penetration Testing Professional (C|PENT)** — EC-Council (ECC0845976321)
- **Certified Ethical Hacker (CEH)** — EC-Council (Scheduling)
- **Cyber Security 101** — TryHackMe
- **Pre Security** — TryHackMe

EDUCATION

B.Tech — Cyber Forensics and Information Security

Dr. MGR Educational and Research Institute
Relevant coursework in Network Security, Digital Forensics, Ethical Hacking, and Cryptography.

LANGUAGES

English, Telugu, Hindi, Tamil , Sign language

LINKS

TryHackMe | GitHub | Portfolio