

Chintada Chanukya Venkata Sai

Cybersecurity Enthusiast | SOC Analyst Aspirant | Software Developer

[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

PROFESSIONAL SUMMARY

Motivated Computer Science student specializing in Cybersecurity and Ethical Hacking. Proficient in Python, C++, and web development with practical experience building security tools like phishing detectors and encryption software. Demonstrated expertise in network security frameworks (NIST, OWASP) and penetration testing tools. Proven track record in competitive CTFs, achieving top rankings globally. Published author in Springer contributing to research on digital protection.

TECHNICAL SKILLS

Languages: Python, C++, SQL, Shell Scripting (Bash), HTML, CSS, JavaScript

Cybersecurity Frameworks: NIST Cybersecurity Framework, OWASP Top 10

Security Tools: Burp Suite, Metasploit, Wireshark, Nmap, Nessus, Nikto, Hydra, Aircrack-ng, John the Ripper, Sqlmap, CyberChef, Gobuster

Platforms & Environment: Linux, Git, PicoCTF, TryHackMe, HackTheBox

Soft Skills: Problem-Solving, Team Leadership, Project Management, Adaptability

PROJECTS

Phish Guard – Browser Security Extension

Jun 2025 – Present

- Developed a Chrome extension utilizing **JavaScript** and **Chrome APIs** to detect phishing URLs in real-time.
- Implemented active blocking of suspicious sites and designed user alerts with continue/stop functionality.
- Integrated malware-type file download warnings and activity logging to enhance user browsing security.
- Tech Stack:* HTML, CSS, JavaScript, C++, Chrome APIs.

P-File Encryption and Decryption Tool

Feb 2025 – Apr 2025

- Engineered a secure file encryption tool using **Advanced Python** and the cryptography library.
- Implemented symmetric encryption algorithms to convert files into a secure **.enc** format and decrypt them back to their original state.
- Designed a user-friendly workflow to protect sensitive data on local storage.

Songs Streaming Website

Nov 2023 – Jan 2025

- Built a responsive music streaming interface focusing on frontend development and media handling.
- Created a clean UI allowing users to play, pause, and navigate song lists seamlessly.
- Tech Stack:* HTML, CSS, JavaScript.

ACHIEVEMENTS & PUBLICATIONS

- Book Chapter Publication (Springer):** Contributed a chapter to the volume *"Cybersecurity and Computational Intelligence: Protecting the Digital World"* (Oct 2025). Addressed emerging cybersecurity challenges and modern protective techniques.
- CTF Challenge (Government Conducted):** Secured **Rank 96** out of 12,000+ participating teams, demonstrating strong problem-solving skills under pressure.
- PicoCTF Ranking (Jan 2024):** Achieved a position in the **Top 10%** of participants in the global capture-the-flag competition.

EDUCATION

Lovely Professional University

Punjab, India

Bachelor of Technology in Computer Science and Engineering (Pursuing)

Intermediate Education

Apr 2021 – Mar 2023

Percentage: 83%

Secondary Schooling

Apr 2018 – Mar 2021

Percentage: 95%