

S HEMENDRAN

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www.hemendran.vercel.app | www.github.com/hemendran-py

SUMMARY

Passionate cybersecurity student with a strong foundation in threat detection, networking, and secure coding. Experienced in analyzing cyber threats, identifying vulnerabilities, and implementing security measures. Skilled in Python, Java, and DSA, with hands-on experience in web security, threat intelligence, and incident response.

TECHNICAL SKILLS

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|----------|-----------------------|----------------|------------------------------------|
| • Java | • Cryptography | • MongoDB | • Metasploit |
| • Python | • Reverse Engineering | • MySQL | • Wireshark |
| • Nmap | • Malware Analysis | • Git & GitHub | • Cloud Security (AWS, Azure, GCP) |
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WORK EXPERIENCE

Security Analyst Intern, Box Office Studios

Jun 2024 - July 2024

- Monitored security events and supported system protection efforts.
- Conducted sessions to promote security awareness and educate teams on best practices.

Python Developer Intern, Codsoft

July 2023 - Aug 2023

- Gained hands-on experience in software development using Python, focusing on problem-solving, coding, and building efficient applications.
- Enhanced debugging, testing, and deployment skills to ensure high-quality deliverables.

Capture The Flag (CTF) Competitions

- Participated in multiple CTF events focused on web exploitation, reverse engineering, forensics, and cryptography.
 - Used tools like Burp Suite, Nmap, Ghidra, and Wireshark to analyze and exploit security flaws.
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PROJECTS

Personal Portfolio Website - <https://hemendran.vercel.app/>

- I built my portfolio website using Next.js for dynamic content and ShadCN UI for a modern, customizable design. It's fully responsive, styled with Tailwind CSS, and deployed on Vercel for optimal performance.

Spotify API Integration - <https://github.com/hemendran-py/spotify-status-api>

- Developed a Next.js app that fetches and displays recently played tracks & user data using the Spotify API, with OAuth authentication.

Phishing URL Detection - <https://github.com/hemendran-py/detect-phishing-url>

- Developed a Python & Flask-based ML model to detect phishing URLs in real time.

Finance Management System with AI Insights

- Created a finance tracking system with AI-driven insights using Next.js & MongoDB.
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EDUCATION AND CERTIFICATIONS

B.Tech Computer Science with Specialization in cybersecurity

Hindustan Institute of Technology and Science (collaborated with IBM)

2022-2026

- CGPA - 8.18

Microsoft Security Essentials

Microsoft and LinkedIn

Feb 2025

- skills obtained - Security Governance, Risk Management, and Compliance (GRC)