

# Soumya Naidu

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## Education

<b>Vellore Institute of Technology</b> , Bhopal	Sep 2021– May 2025
• Computer Science (Specialization in Cybersecurity and Digital Forensics)	
• CGPA-8.41	
<b>Gyan ganga Educational Academy</b> , Raipur	Mar 2020– April 2021
• Percentage : 74%	
<b>Bhartiya Vidhya Bhavan's</b> , Raipur	Mar 2018– April 2019
• Percentage : 76%	

## Skills

**Languages** - Python, Java, Mysql, Html, Css, Json, Jq

**Tools** - Wireshark, Metasploit, Nessus, Nmap, Figma, Kali Linux, Docker, Trivy

**Technical Specialties** - Python scripting, Network security, Application Security, Incident Response

## Projects

### Student Request Management System | Backend with FastAPI + JSON as DB

- Built a backend system using Python (FastAPI) that allows students to raise and track various academic or administrative requests.
- Created endpoints for CRUD operations, and file uploads stored in AWS S3.
- Extensively tested the APIs with Postman.

### Password Strength and Breach Checker | Python, Regex, Requests, Hashlib

- Developed a command-line tool to evaluate password strength using regex and check if the password has been compromised using the HaveIBeenPwned API.
- Implemented secure password input handling, SHA-1 hashing, and real-time breach detection.

### Scansafe | Python, Nmap , Nikto , Gospider

- The tool is designed to be compatible with both Linux and Windows environments, ensuring flexibility in deployment
- The ultimate goal of ScanSafe is to streamline cybersecurity assessments, reduce manual effort, and enhance the security posture of web applications.

## Experience

<b>Cyberlence</b> - Software Developer Intern	July 2025- Present
• Worked on building and using security tools for identifying vulnerabilities and remediation strategies.	
• Contributed to real-world cybersecurity projects, gaining hands-on experience in threat detection and resilience.	
<b>Purplerain Techsafe</b> - UI/UX Manager	Feb 2025- May 2025
• Supervised and guided a team of UI/UX designers to ensure consistency and innovation in design solutions. Reviewed and modified UI designs to enhance user experience, accessibility, and aesthetic appeal. Provided strategic direction on UI/UX best practices, ensuring alignment with project goals and brand identity.	

## Certifications

<b>Certified Ethical Hacker(C-EH)</b> , EC-Council	Jan 2025
<b>Foundations of Cybersecurity</b> , Coursera	Jun 2024

## Extra Curriculars

- Engaged in Capture The Flag (CTF) challenges and cybersecurity webinars hosted by platforms like TryHackMe