

Sidharth Panda

CYBERSECURITY ENTHUSIAST | DIGITAL FORENSICS PRACTITIONER

✉ sidharthpandarg1@gmail.com | 🏠 coderpanda11.github.io/digital_portfolio | 📧 coderpanda11 | 🌐 sidharth1126 | 📱 sidharthpanda1

Work Experience

SECURE - Centre of Excellence at VIT Bhopal

India

DIGITAL FORENSICS INTERN

Jan 2023 - Oct 2023

- Acquired foundational skills in information gathering, learning to efficiently compile and analyze data sets, which enhanced research efficiency by 15% and reduced project completion time by 10%.
- Using the knowledge of incident response, helped VITB's students in mitigating the problems.

Skills

Security Tools

Kali Linux, Splunk, Wireshark, BurpSuite, OWASP ZAP, Openstego, Autopsy, Recuva, Maltego, Ghidra, FTK Imager, Sqlmap, Johntheripper, Hydra, Hashcat, Hexeditor, Aircrack-ng, Searchsploit, Network miner, Java-jdx, Termux,

Security Skills

OWASP Top 10, Vulnerability Assessment, SOC, Networking, Scripting, Report writing, Cyber Kill chain, OSINT, Stenography, Ethical Hacking

Frameworks

MITRE and ATT@CK, NIST, Metasploit, Volatility, OSINT,

Programming

Python, Java, Bash, MySQL.

Projects

Fingerprint Analyser

PYTHON

- Developed a defensive program that matched fingerprints within datasets of over 500+ entries.
- Achieved 80% accuracy in matching confidence levels, providing comprehensive assessments.

Disk Image File Recovery tool

PYTHON

- Developed a defensive software tool that facilitated file recovery from users' devices.
- Specialized in retrieving data across multiple file formats, achieving a 90% recovery rate for MPG, PDF, BMP, GIF, ZIP, JPG, DOCX, AVI, and PNG files.

Education

Vellore Institute of Technology, Bhopal

Bhopal, India

BACHELORS IN TECHNOLOGY

Sep. 2020 - Sep. 2024

- Branch : CSE specialisation in Cybersecurity and Digital Forensics
- CGPA : 7.93/10

Certifications

Certified Ethical Hacker (CEH)

EC - COUNCIL

Digital Forensics Essentials (DFE)

EC - COUNCIL

Security Operation Center (SOC)

CISCO LEARNING AND CERTIFICATIONS

Co-Curriculars

Catch The flag (CTF)

CTF PLAYER

- Attained 25k+ points in picoCTF, reflecting my cybersecurity skills in various techniques and tools.
- Ranked 1959 out of thousands on TryHackMe, demonstrating exceptional cybersecurity skills and placing in top 1 % of participants.

Achievements

- Competed in a worldwide CTF (Capture the Flag) competition organized by MetaRed, solving numerous challenges in web, crypto, forensics, OSINT, and more, and ranked in the top 100.
- Competed in a nationwide CTF organized by BesidesIndore, solved numerous challenges, and secured the 6th position.
- Completed a world wide CTF organised by IIIT Kottayam students, and a securing the 22nd position.

Personal Interests

Playing chess, Watching Movies/Anime, Making Videos, Working out, Community Service, Solving Rubix Cubes.

Languages

English, Hindi, Oriya, Telugu, German.