

Sidharth Panda

CYBERSECURITY ENTHUSIAST | DIGITAL FORENSICS PRACTITIONER

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Summary

Sidharth is an undergraduate student of cyber security and digital forensics. Looking for an esteemed organisation to proof my ability and passion in the cyber field. His achievements confirms his perseverance about cybersecurity.

Work Experience

SECURE - Centre of Excellence at VIT Bhopal

DIGITAL FORENSICS INTERN

India

Jan 2023 - Oct 2023

- Gained a basic knowledge of information gathering.
- Using the knowledge of incident response, helped VITB's students in mitigating the problems.

Cyber Forensics and Security Solution

CYBER CRIME INVESTIGATOR INTERN

India

Nov 2023 - Dec 2023

- Investigated a case regarding employee fraud.
- Used the knowledge of cyber crime, autopsy and FTK imager and generated a report with all the necessary and admissible evidences.

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.

Security Skills

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

Frameworks

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

Programming

Python, Java, Bash, MySQL.

Projects

Fingerprint Analyser

PYTHON

- Developed a defensive program designed for fingerprint matching within extensive datasets.
- This solution provides a comprehensive assessment of the matching confidence levels.

Disk Image File Recovery tool

PYTHON

- Developed a defensive software tool designed to facilitate file recovery from users' devices.
- This program specializes in retrieving a variety of data file formats, including MPG, PDF, BMP, GIF, ZIP, JPG, DOCX, AVI, and PNG extensions.

Education

Vellore Institute of Technology, Bhopal

BACHELORS IN TECHNOLOGY

Bhopal, India

Sep. 2020 - Sep. 2024

- Branch : CSE specialisation in Cybersecurity and Digital Forensics
- CGPA : 7.88/10

DPS Nigahi, Singrauli

HIGHER SECONDARY SCHOOL

Singrauli, India

Apr. 2019 - Apr. 2020

- Board : CBSE
- Percentage : 88%
- Represented DPS Nigahi in national level science exhibition.

KV AFS Begumpet, Hyderabad

SENIOR SECONDARY SCHOOL

Hyderabad, India

Apr. 2017 - Sep. 2018

- Board : CBSE
- Percentage : 83.6%

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

- A worldwide CTF (Capture the Flag) competition was organised by MetaRed, in which I solved numerous challenges ranging from web, crypto, forensics, OSINT, and many more and came in top 100.
- A nationwide CTF (Capture the Flag) competition was organised by BesidesIndore, in which I solved numerous challenges and backed 6th position.

Personal Interests

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

Languages

English, Hindi, Oriya, Telugu, German.