

# VAIDEHI DAHARE

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## Objective

Seeking a position to utilize my skills and abilities in the Cyber security and pentesting domain as well as in Digital Forensics to help Technology and information Industries.

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## Experience

- **CMS, Nagpur** Feb 2025 - Aug 2025  
Scientific Assistant ( CYBER & TASI)  
Worked on the investigation at crime scene. Performed proper evidence collection and recorded the detail and hash for integrity validation.  
Worked on mobile forensics van for digital device backup and analysis, CCTV recording analysis to report making.
- **Securityium OPC Pvt Ltd, Pune** Mar 2024 - Dec 2024  
Associate Security Consultant  
Conducted automated and manual testing on the Web application, API and Mobile.  
Performed in-house functional and security testing on the internal web application.  
Worked on report writing and report validation.
- **DRDO RCI** Sep 2023 - Dec 2023  
Apprentice  
APPRENTICE at DRDO (RESEARCH CENTER IMARAT), Hyderabad

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## Education

- **Simplilearn** Dec 2022 - June 2023  
Cyber Security Expert Master Program
- **Vellore Institute of Technology, Vellore** 2020 - 2022  
M.Tech CSE (Specialization in Information Security)
- **Rajiv Gandhi college of engineering and research** 2016 - 2020  
B.E. (C.S.E)

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## Skills

- Vulnerability Assessment and Penetration Testing: (Network, Web, API, Mobile)
- Tools: Nmap, Metasploit, Nessus, Wireshark, OpenVAS, Burpsuite, MobSF, Frida etc.
- Forensic Tools: Autopsy, Magnet Axiom, FTK forensic toolkit, Oxygen Forensic, Dumplrt, Volatility, Recovery Tools, OSForensic, USB-DEVIEW.
- Programming language: C++, Python, HTML and CSS .

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## Certificates

- EC-Council :  
Certified Ethical Hacker (CEH v12)  
Computer Hacking Forensic Investigator (CHFI v11)
- SKILL FRONT  
ISO/IEC 2700 1:2022 INFORMATION SECURITY ASSOCIATE  
SKILLFRONT ENTREPRENEUR PROGRAM: FOUNDATION OF BUSINESS AND ENTREPRENEURSHIP.
- UdeMy:  
The Complete Computer Forensic Course : CFCT+ PRO CFIR DFIR  
Forensic science Course  
Criminology and Criminal Psychology Certificate CSI+ Course  
Computer Forensics and Digital Forensics Masterclass PRO+
- TCM security :  
Linux 101, Practical Ethical Hacking - The Complete Course, Linux Privilege Escalation for Beginners
- Try Hack Me :  
Offensive Pentesting learning path, Red Teaming learning path, CompTIA Pentest +, Jr. Penetration Tester

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## Achievements & Awards

- I was Invited for guest lecture at Rasoni College of Engineering for the topic on "Introduction to Cybersecurity and Cryptography".
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## Projects

- **Data Hiding using Cryptography and Image/Audio Steganography**

In order to transmit the data from sender to the receiver without being tampered. Security measured like Cryptography and Steganography are used to hide the sensitive data. Initially, data is converted into a cypher text file (Cryptography - Encryption to Decryption) which is unreadable to the human and then it is transmitted to the receiver by hiding it into a medium like Image or Audio (Steganography) where the attacker cannot detect the presence of the file in which sensitive data is stored.

- **Securing Data Storage Using Blockchain Technology and Image Steganography**

As a cloud storage is a type of storage where a huge amount of data can be stored. To secure the data from Cloud's data storage Blockchain Technology is used. In this technology, Data is divided into blocks and it is secured by applying Hash Function. This Hash Function cannot be used to revert back the original data and at last this divided data is kept hidden into the cloud by using Image as a medium ( Image Steganography).