Avinash Sharma
Chennai, Tamil Nadu 600041

📞 +91-9503305347 ✉ avinasharma.2412@gmail.com in linkedin.com/in/avinash-sharma-me/ ⭘ github.com/hail0hydra/

Experience

Hack The Box   July 2023 - Present

HackTheBox - cyber security training ground, endorsed by industry leaders

- Demonstrated expertise as a Capture The Flag player on HackTheBox platform, achieving the rank of Hacker
- Solved 30+ machines of easy to hard difficulty levels, with global ranking of 808 and global team ranking of 62
- Developed a strong understanding of various cyber security concepts, methodologies, and tools by solving challenging machines.

CTF Administration and Development   Apr 2023 - Present

CTF dev - OSINT, Crypto, Steganography, Binary Exploitation, Reverse Engineering, Misc

- Developed custom CTF challenges for CTF competition, covering a range of cybersecurity domains, including binary exploitation, reverse engineering, stegnography, forensics and cryptography
- Provided technical support and guidance to participants during the competition, addressing inquiries and assisting with challenge-related issues

Projects

JAVira / *JAVA, Crypto, Hashing*   Feb 2023

- JAVA Project to analyze a file and create logs along with other features for malicious analysis
- Helps as a forensic tool for IR
- Github Repository Link: github.com/hail0hydra/CSE310_Java_CuppaCohee/tree/divergence/Project/JAVira

PyVTFile / *Python, API, Hashing, Encryption*   Jan 2023

- PyVTFile is an easy to use desktop application for detecting if a file is malicious or not
- Github Repository Link: https://github.com/hail0hydra/pyVTFile

Certificates

- How to create and hack your own live server – MSTC Punjab   Mar 2023
- Python OOP - Udemy.   Aug 2021
- Complete Beginner Learning Path - TryHackMe   Jun 2022

Technical Skills

Languages : Python, SQL, C, C++, Powershell, Batch, Javascript, JAVA, Lu

Developer Tools: Git, Neovim, VS Code, Postman

Cyber Security: Linux Pentesting, Web/API Pentesting, Linux, Docker, Active Directory, GitHub, JohnTheRipper, Hashcat, Nmap, Nikto, Burpsuite, Metasploit Framework, Wireshark, Nessus, Ghidra, GDB, pwntools, ffuf, amass, gobuster, Ida Free, Peas-ng, OSINT, VAPT, Cryptography, Steganography, Windows, WordPress

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in Python and JavaScript

Education

Lovely Professional University Punjab   2020 – current
Computer Science and Engineering — Major in Cybersecurity   Jalandhar, Punjab

Kendriya Vidyalaya No.1 AFS Pune   2019 – 2020
12th with Science — Percentage: 89.0%   Pune, Maharastra

Kendriya Vidyalaya No.1 AFS Pune   2017 – 2018
10th with Science — CGPA: 10   Pune, Maharastra