

# AVINASH SHARMA

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**HackTheBox:** [htb/Ashut0sh4yNamh](https://www.hackthebox.com/profile/Ashut0sh4yNamh) (Hacker)  
**Blog:** [blog.encryptededge.in](https://blog.encryptededge.in), [dc91181.org](https://dc91181.org)  
**Address:** LPU, Phagwara, Punjab, India - 144411

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## Education

**Lovey Professional University** India  
*B. Tech. Computer Science and Engineering* Aug. 2021 – May 2025  
• Major in Cyber Security  
**Senior Secondary, 2020 — 89.0%**  
**High School, 2018 — CGPA: 10**

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## Projects

**PyVTFile** | *Python, API, Hashing, Encryption* Jan 2023  
• PyVTFile is an easy to use desktop application for detecting if a file is malicious or not  
**CTF Development** | *Linux, Python, Stegno, Reverse, OSINT, Forensics* Aug 2023  
• Multiple CTF challenges ranging from intermediate to advance level  
**Port Scanners** | *Python, Bash, Sockets* Jun 2022  
• Simple ports scanners created in python and bash (seperately) using sockets  
**JAVira** | *JAVA, Crypto, Hashing* Feb 2023  
• JAVA Project to analyze a file and create logs along with other features

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## Experience

**HackTheBox** Jul 2023 – Present  
*HackTheBox - cyber security training ground, endorsed by industry leaders* CTF Player (Hacker)  
• 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, steganography, forensics and cryptography  
• Provided technical support and guidance to participants during the competition, addressing inquiries and assisting with challenge-related issues.

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## Technical Skills

**Languages:** Python, SQL, C, C++, Powershell, Batch, Javascript, JAVA, Lua  
**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