

AVYAAN VERMA

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EXPERIENCE

DarkRelay Security Labs | Cyber Security Intern

03/2025-Present

- Researched and crafted educational cybersecurity content for DarkRelay, covering vulnerabilities like BlueKeep, EternalBlue, and BYOVD.
- Delivered 10+ technical posts, simplified threat mechanisms, and engaging captions to boost visibility and engagement across DarkRelay's course platform.

ShadowFox | Cyber Security Intern

09/2024-09/2024

- Solved intermediate tasks such as VerCrypt memory addressing, creating Metasploit payloads for Windows, and conducting Aircrack-ng deauth attacks.
- Documented 95% of tasks, creating industrial-level reports on attacks and penetration tests

CFSS Cyber & Forensics Security Solutions | Penetration Tester Intern

06/ 2024-06/2024

- Solved 5-6 VulnHUB machines and 10-15 CTF questions on picoCTF, focusing on network security and penetration testing.
- The internship accelerated my learning curve, helping me achieve specific goals in cyber security.

.Android Club-VIT Bhopal | Vice-President

03/2024–Present

- Led a session on Frontend Web Development with engaging activities, achieving an 80% completion rate with positive feedback.
- Managed the DSA Tussle competition with a team, successfully resolving 90% of live issues.

Education

VIT Bhopal University, Bhopal, Madhya Pradesh

10/2022 - currently

B.Tech in Computer Science & Engineering, specialization in Artificial Intelligence and Machine Learning

Cumulative GPA: 8.11/10

Class XII (CBSE) - Percentage: 89%

07/2022

PROJECTS

Email Scraper and Profiler

- Developed a tool using Python and email dorks to scrape emails from organizational domains.
- Profiles employees by gathering information from platforms like LinkedIn and compiles profiles with contact details. Processed over 1,000 emails from multiple domains and generated actionable insights for analysis.

Blockchain-Based Voting System

- Created a basic voting system using blockchain to ensure votes are securely recorded.
- Each vote is stored as a block in the chain, making the system tamper-proof. Implemented using Python with a focus on simplicity and transparency.

Blockchain Trading Website

- Built a React-based website that connects to a blockchain API to display live trading data.
- Provides real-time updates on cryptocurrency prices and trends. Designed with a user-friendly interface to make data accessible and easy to understand.

Password Encryption Tool

- Designed a secure password encryption tool using Python, leveraging AES-256 encryption.
- Demonstrated robust security by preventing decryption in multiple brute-force test scenarios.

EXTRACURRICULAR ACTIVITIES and Achievements

- Darpan 2023 Winner of EkFazeis Dramatics Theatre Festival directing the play, script and the performance.
- 1st in 2023 online competition Tamasha Monoact by EkFazeis Dramatic

SKILLS

- **Information Security Tools:** Wireshark, Burp suite, OWASP Zap, Nmap, Metasploit Framework,
- **Networking:** TCP/IP Configuration, Switches, Routers and Firewall Configuration in Cisco packet tracer
- **Languages:** Python, Node JS, React, Java, Bash, SQL
- **Non-technical Skill:** Technical writing and Video Editing Skill