VISHAL KUMAR
DPLOMA IN COMPUTER SCIENCE

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CAREER OBJECTIVE:

Final-year Computer Science diploma student focused on ethical hacking and penetration testing.
Skilled in identifying system vulnerabilities and applying advanced cybersecurity techniques.
Dedicated to ethical practices, continuous learning, and strengthening digital infrastructure

PROFESSIONAL SUMMARY:

Ethical hacking and web application security enthusiast with strong skills in Python, Kali Linux, Burp Suite, Nmap, and JavaScript. Experienced in identifying vulnerabilities and securing applications through hands-on penetration testing and automation projects. Proficient in Linux CLI, SQL injection testing, and OWASP Top 10 vulnerabilities. Committed to advancing expertise in cybersecurity and AI-based security automation

EDUCATIONAL QUALIFICATION:

2023-2026

IIMT University, Greater Noida.
Diploma in Computer Science /Ethecal hacking (9.50 GPA)
- o Ethical Hacking
- o Network Security
- o Web Application Security,
- o Cybersecurity Fundamentals,
- o Programming in Python, Database Management Systems
- o C/C++
- o Java/JavaScript

2022- 2023 **Shri Parshuram Giri +2 High School Jiwdhara**
From BSEB board Bihar.
- Secondary School Certificate, 2023 (52.12%).

INTERNSHIP:

Aspiring ethical hacker and cybersecurity enthusiast currently pursuing a Diploma in Computer Science. Seeking internship opportunities to gain practical experience in cybersecurity, penetration testing, and network security. Eager to apply programming and ethical hacking skills to help secure digital assets and learn from industry professionals.

Skill

Skills Learned	Soft Skills	Skills Learned
Practical experience with scanning, vulnerability analysis, basic exploitation, and report writing.	Communication Skills	Report writing, technical documentation, clear communication of findings.
Developed scripts for automation, data parsing, and basic exploit coding.	Teamwork & Problem-Solving Skills	Collaborated on group projects, critical thinking in solving security challenges.
Used version control for project management, collaboration on code repositories.	Leadership & Work Ethic	Leading study groups, accountability, discipline, willingness to learn.
Developed scripts for automation, data parsing, and basic exploit coding	Teamwork & Problem-Solving	Collaborated on group projects, critical thinking in solving security challenge
Applied knowledge in network scanning and monitoring network traffic.		

PROJECT UNDERTAKEN:

Project No.	Project Title	Tech Stack	Description & Key Features
1	Basic Port Scanner	Python (socket)	- CLI tool to scan open ports on an IP/range. - Shows open ports with service names. - Easy to run with command-line inputs.
2	Simple SQL Injection Tester	Python (requests)	- Tests URL parameters/forms for SQLi vulnerabilities. - Uses common SQLi payloads. - Reports vulnerable inputs clearly.
3	Wi-Fi Handshake Capturer	Bash (Kali Linux tools)	- Automates capturing Wi-Fi handshake using airodump-ng & aireplay-ng. - Saves capture files for cracking. - Includes usage instructions.
4	Brute Force Login Tester	Python (requests)	- Attempts brute force login on web forms. - Customizable URL, usernames, and password lists. - Logs results and handles failures gracefully.
5	XSS Vulnerability Scanner	Python (requests, BS4)	- Injects XSS payloads into form inputs. - Analyzes responses for vulnerabilities. - Generates vulnerability reports.

CERTIFICATIONS:

S.No.	Certification Title	Completion Date	Description / Highlights
1	Introduction to Cybersecurity	[19/02/2025]	Learned cybersecurity fundamentals including CIA triad, firewalls, threats, and cryptography.
2	Python for Everybody	[24/05/2024]	Covered Python basics, data structures, web access, and automation using real-world examples.

ACHIEVEMENTS/AWARDS:

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Address: Alistonia Apartment Pi I & II, Greater Noida, Uttar Pradesh 201310
Father's Name: Vinod Yadav

Date of Birth: 24/05/2004