

Abhinav Singh

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Professional Summary

- Aspiring Cybersecurity Professional with a B.Tech in Cyber/Computer Forensics and Counterterrorism.
- Hands-on experience in penetration testing and vulnerability analysis from an internship with Hacktify Cyber Security.
- Skilled in Python, web application security, network fundamentals, cryptography, and security frameworks.
- Eager to apply academic knowledge and practical skills to a challenging Cyber Security Engineer role.

Education

Parul Institute of Engineering and Technology, Vadodara, Gujarat

Graduated: 2023

- Bachelor of Technology (B.Tech), Cyber/Computer Forensics and Counterterrorism
- Relevant Coursework & Skills: C (Programming Language), Kali Linux

GSEB (Gujarat Secondary and Higher Secondary Education Board)

Completed: June 2022

- Higher Secondary School, Science

Experience

Cybersecurity Intern — Hacktify Cyber Security

Remote Feb 2025 – Mar 2025

- Identified and analyzed common web application vulnerabilities: SQL Injection, HTML Injection, XSS, CSRF.
- Practiced vulnerability assessment techniques: IDOR, misconfigured CORS.
- Participated in Capture The Flag (CTF) exercises to sharpen problem-solving and ethical hacking skills.

Projects

Sub-Domain Enumeration Tool

- Developed a Python-based utility to discover subdomains for a given domain using DNS lookups and certificate transparency logs.
- Utilized Python and Shell Scripting to create an efficient and automated enumeration tool.

Skills

- **Cybersecurity Domains:** Network Security Fundamentals, Threat Awareness, Cybersecurity Frameworks, Data Privacy, Cryptography, Digital Signatures, VPN
- **Penetration Testing:** SQL Injection, HTML Injection, XSS, CSRF, IDOR, CORS
- **Programming & Tools:** Python, Shell Scripting, C, Kali Linux
- **IT Fundamentals:** Networking, Operating Systems, Software Engineering Practices

Certifications

- Cybersecurity Foundation – Palo Alto Networks (Aug 2025)
- Cybersecurity Analyst Job Simulation – Forage (Jul 2025)
- Cryptography And Network Security – NPTEL (May 2025)
- Diving Deep in Cyber Security – Null Vadodara (Nov 2024)
- A Practical Introduction to Cloud Computing – EC-Council