
Dinesh Patel

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Professional Summary

Motivated and detail-oriented **Cybersecurity Researcher** and **Bug Hunter** with strong experience in vulnerability assessment, penetration testing (VAPT), and automation scripting. Skilled in identifying security flaws, developing custom tools for testing, and simulating real-world attack environments. Passionate about ethical hacking, continuous learning, and improving digital security.

Education

Imperial College, Bargarh
Bachelor's Degree in Computer Science —**2021**
Score: 75%

Vikash Junior College, Bargarh
Higher Secondary (+2 Science) —**2018**
Score: 50%

CAMI, Jharsuguda
Matriculation (10th) —**2016**
Score: 70%

Skills

- **Cybersecurity:** Bug Hunting, Vulnerability Assessment, Penetration Testing (VAPT)
 - **Automation & Scripting:** Python, Bash, Custom Security Tool Development
 - **Security Tools:** Nmap, Burp Suite, Nikto, Metasploit
 - **Testing Tools:** Postman, JMeter (basic)
 - **Other Skills:** Problem Solving, Research, Documentation, Team Collaboration
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Projects

- 1. Automated Vulnerability Scanner**
Developed a Python-based security tool that automatically detects and reports common web vulnerabilities, improving efficiency for penetration testing tasks.
- 2. Web Security Dashboard**
Built a dashboard that integrates output from multiple scanning tools (Nmap, Nikto, Burp Suite) to provide unified visibility of vulnerabilities.
- 3. Network Attack Simulation Lab**

Set up a local test environment for simulating network attacks such as SQL Injection, XSS, and CSRF to analyze system defenses.

4. Security Automation Script

Created custom Python and Bash scripts to automate reconnaissance and vulnerability testing processes.

Work Experience

Buddham Builders Pvt. Ltd. (TPWODL Project) —*Bargarh, Odisha*
Telephone Operator (Part-Time) | 2021 – 2024

- Managed communication channels between internal departments and TPWODL teams.
 - Maintained customer records, call logs, and daily coordination reports.
 - Developed communication, multitasking, and organizational skills in a professional setting.
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Achievements & Interests

- Reported valid vulnerabilities through bug bounty platforms (HackerOne, Bugcrowd).
- Designed automation scripts and security tools for research and learning.
- Interested in network defense, security automation, and open-source cybersecurity projects.