

UDAY RAUT

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 [LinkedIn](#)

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I am in my third year of Computer Science with a strong interest in Penetration Testing. Familiar with Linux, networking, web application security, ethical hacking fundamentals, and common penetration testing tools.
Seeking a Penetration Testing internship to gain hands-on experience.

Education

Punjab Technical University

2023-2027

Bachelor's in Computer Science and Engineering

Amritsar, Punjab

Dhanusha Science Campus

2021-2023

Class 12th

Janakpurdham,Nepal

Skills

Technical Skills: Linux, networking, web application security (OWASP Top 10), ethical hacking, vulnerability assessment, reconnaissance, Nmap, Burp Suite, Wireshark

Soft Skills: Communication, Problem-solving, Leadership, Teamwork and Quick learning

Other Skills: AI tools, Security research, Basic log analysis, Documentation, Git, GitHub

Projects

1. Automated Network Scanner

Python-based tool that automates Nmap scanning, service detection, and basic vulnerability mapping.

Tech: Python, Nmap, Automation

2. Web Vulnerability Scanner

Lightweight scanner for detecting SQL Injection and XSS vulnerabilities in test web applications.

Tech: Python, Requests, Web Security

3. Password Audit Tool

Tool for assessing password strength using wordlists and rule-based cracking in controlled lab environments.

Tech: Bash, Hydra, John the Ripper

4. Vulnerable Lab Environment

Designed and deployed intentionally vulnerable machines for practicing exploitation and privilege escalation techniques.

Tech: Linux, Docker / Virtual Machines, Lab Design

Coding Platforms

- Try Hack Me - 100+ rooms completed
- Hack The Box - 20+ rooms completed

Certifications

- Complete Ethical Hacking Masterclass: Go from Zero to Hero(130 Hrs) - Udemy