

Prajwol Acharya

Kathmandu, Nepal

prajwolacharya28@gmail.com — +9779849758864

GitHub — LinkedIn — Facebook

CEH- student pursuing BSc.CSIT with strong interest in cybersecurity, penetration testing, red teaming, vulnerability assessment, CTF participation, and hands-on security lab experience.

Education

BSc.CSIT, Running
Tribhuvan University

Mahendra Multiple Campus, Ghorahi Dang

10+2

Gyan Jyoti Secondary School, Tulsipur-6 Dang

SEE

Padmodaya Model Public School, Bharatpur Dang

Certification

Ethical Hacking Certification

Completed ethical hacking certification with focus on ethical hacking concepts, security assessment methodologies, and offensive security fundamentals.

Technical Skills

Programming

- Python
- Bash

Ethical Hacking Tools

- Kali Linux
- Nmap
- Wireshark
- Metasploit
- Burp Suite
- OWASP ZAP
- John the Ripper
- Hashcat
- Msfvenom

Core Interests

- Penetration Testing
- Red Teaming
- Vulnerability Assessment
- CTF Participation
- Hands-on Security Lab Practice
- Cybersecurity Research and Learning

Projects / Practical Exposure

Password Strength Checker

- Developed a password strength checker to analyze password security based on length and character composition.
- Implemented real-time feedback for uppercase, lowercase, numeric, and special character requirements.
- Improved understanding of secure password creation and frontend input validation.

Port Scanner

- Built a port scanner using Python and Nmap to identify open ports on target systems.
- Explored service detection and basic enumeration techniques for network reconnaissance.

- Strengthened understanding of cybersecurity scanning workflows and networking concepts.

CTF Practice and Writeups

- Worked on challenges involving web exploitation, packet analysis, scripting, and privilege escalation concepts.

Leadership Experience

Vice President

2025–2026

Computer Science Association, Mahendra Multiple Campus, Dang

- Served as Vice President of the Computer Science Association during the 2025–2026 tenure.
- Helped organize student-focused academic and technical activities.
- Supported coordination, communication, and collaborative initiatives within the association.

College Representative

2025–2026

Code for Change, Dang

- Represented students in coordination and communication activities.
- Assisted in organizing workshops, programs and other events.
- Strengthened leadership, teamwork, and public communication skills.

Profile Highlights

- BSc.CSIT student with strong enthusiasm for offensive security.
- Actively improving practical cybersecurity skills.
- Interested in internship and entry-level opportunities in cybersecurity and ethical hacking.