

LOCHAN SAMSER RANA

**Computer Engineering Student | Full Stack Developer | Cybersecurity & Networking
Enthusiast**

+977 9869404247 | lochanrana777@gmail.com | [Website](#) | Kathmandu, Nepali

Career Objective

Motivated and passionate Computer Engineering student with strong interests in Full Stack Development, Cybersecurity, Networking, Artificial Intelligence, Data Science, Web Hosting, and IT Support. Skilled in developing modern web applications, managing basic web hosting environments, working with networking and security concepts, and solving technical problems through practical projects and lab-based learning. Eager to apply technical knowledge, strengthen problem-solving abilities, and contribute to innovative, technology-driven organizations while continuously learning and growing in the IT field.

Technical Skills

- HTML, CSS, JavaScript, Bootstrap
- PHP, Flask, MySQL
- TCP/IP, VLAN, DHCP/DNS
- Wireshark, Nmap, VPN, ACL
- GitHub, Cisco Packet Tracer

Projects

- Smart Gym AI – AI-powered fitness assistant web application. [code](#)
- Sakshyam Vet & Pet Care – Dynamic veterinary clinic management system. [code](#)
- Attendance Management System – Subject-wise attendance tracking system. [code](#)
- Enterprise Network Simulation Lab – VLAN and routing configuration project.

Education

- Kailali Model Secondary School, Dhangadhi — SEE (2020 Passout)
- Rehdon College, Kathmandu — Computer Science (+2) (2022 Passout)
- National Academy of Science and Technology, Dhangadhi — Bachelor of Computer Engineering (Expected Graduation: 2026)

Relevant Coursework

- Computer Networks
- Data Communication
- Network & Cybersecurity
- Operating Systems
- Computer Architecture
- Microprocessor
- Cloud Computing Fundamentals

- System Administration
- Data Structures & Algorithms (DSA)

Certifications

- Sturtle Security Pvt. Ltd. — Certified Junior Web Application Penetration Tester
- Computer Network & Security Training (20 Hours) — Conducted by NAST under the guidance of Sanjeet Mandal

Additional Information

- Completed practical training in web application penetration testing and cybersecurity fundamentals
- Completed 20-hour Computer Network & Security training program with hands-on networking and security concepts
- Actively learning CCNA-level networking and Linux system administration
- Strong interest in cybersecurity, IT support, cloud computing, and infrastructure management

References

- Sanjeet Mandal — Computer Network & Security Trainer, NAST
- Er. Harendra Bikram Shah — Computer Vision Project Supervisor | harendrashah0007@gmail.com
- Er. Ganesh Datt Joshi — Head of Examination Department, NAST | ganeshjoshi747@nast.edu.np
- Aavash Devkota — System Engineer (CCNA)