

Harinder Singh

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Profile Summary

Aspiring **Cybersecurity Engineer** with hands-on experience in malware analysis, ethical hacking, and incident response. Passionate about developing privacy-focused systems and strengthening network defenses. Seeking opportunities to contribute to secure infrastructures.

Education

B.Tech in Computer Science & Engineering, Guru Nanak Dev Engineering College, Ludhiana *Expected: July 2026*

Diploma in Computer Science & Engineering, Guru Nanak Dev Polytechnic College, Ludhiana

Matriculation, Punjab School Education Board (PSEB)

Training & Experience

- **Cybersecurity Intern – Ludhiana (6 Months, Ongoing)**: Worked on malware analysis, penetration testing, and threat detection using Wireshark, Burp Suite, and Metasploit.
- **Cybersecurity Trainee – Ansh InfoTech (1 Month)**: Practiced ethical hacking and system hardening techniques.
- **Web Development Trainee – Ludhiana (1 Month)**: Built responsive front-end interfaces with HTML, CSS, and JavaScript.
- **Virtual Internships – Forage (Deloitte & AIG)**: Completed real-world simulations on risk analysis, incident response, and resilience planning.

Projects

- **Servo-Based Privacy Browser**: Built a privacy-focused browser using PyQt + Servo engine with ad-blocking, dark mode, and multi-tab support.
- **Virus Behavior & Analysis**: Researched infection vectors and developed preventive countermeasures.
- **LAN-Based Security System**: Designed a local encrypted chat and device authentication system for secure LAN communication.
- **Incident Response Tool**: Built a Python-based recovery utility for infected systems.

Technical Skills

Cybersecurity: Malware Analysis, Ethical Hacking, Threat Detection, Firewalls

Tools & Technologies: Wireshark, Nmap, Burp Suite, Metasploit, Linux

Programming: Python, HTML, CSS, C, C++, C#

Others: Git, CLI Tools, Operating Systems

Soft Skills

Leadership, Team Collaboration, Communication, Problem Solving, Adaptability, Time Management, Critical Thinking, Project Coordination

Achievements

- 1st Place – ChatGPT Prompt Competition (College-level)
- 2nd Place – Inter-College PPT Competition
- Promoted from **Digital Marketing Member** → **Team Leader of Videography** → **Co-Convener** in college event committee

Languages

English (Fluent), Hindi & Punjabi (Native)