Anshul Sharma

## LinkedIn: [www.linkedin.com/in/00anshul](http://www.linkedin.com/in/00anshul) Email: sharmaanshul7018@gmail.com

[Github: <https://github.com/00anshul>](https://github.com/UjjwalJain02) Mobile: +91-7018577837

# Skills

* **Languages**: C++, C, Java
* **Frameworks**: HTML and CSS
* **Tools/Platforms**: MySQL, VMware, Cisco Packet Tracer
* **Soft Skills**: Resilience & Persistence, Collaboration & Communication, Technical Curiosity, Critical Thinking, Adaptability

# Projects

#### Network Scanner – Open Port & OS Vulnerability Detection January 2025

#### Developed a tool for scanning open ports, fingerprinting connected devices, and detecting OS vulnerabilities. Designed to assist in network security audits by identifying potential threats. Tech: Python, Nmap, Scapy

#### Web App Security Scanner – SQL Injection & XSS Detection January 2025

#### Created a security scanner to detect common web vulnerabilities such as SQL injection and cross-site scripting (XSS). Provided automated remediation steps and security recommendations. Tech: Python, Beautiful Soup, Requests, OWASP ZAP

#### Encrypted File Transfer – Secure Data Transmission January 2025

#### Built a secure file transfer application with encryption support to ensure data integrity and confidentiality. Implemented AES encryption for file security and user authentication. Tech: Python, AES Encryption, Socket Programming

# Certificates

# • Hack-a-Throne 1.0 by AISEC under the guidance of GeeksforGeeks

# • Cybersecurity Analyst job Simulation by forage TATA

# Achievements

#### Hackathon Participation:

Participated in the Hack-a-Throne 1.0 by AISEC under the guidance of GeeksforGeeks

* **Leadership & Initiative:**

Member of the Sports Committee in Hostel, balancing academics and extracurriculars effectively.

#### Active Cybersecurity Practice:

Regularly solving challenges on HackerRank, TryHackMe, and Hack The Box to strengthen ethical hacking and penetration testing skills.

# Education

**Lovely Professional University** Punjab, India

### Master of Computer Applications Since August 2024

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**NSCBM College** Himachal Pradesh, India

### Bachelor of Computer Application; **Percentage: 81%** August 2021 – May 2024

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**Gurukul Public School** Hamirpur, Himachal Pradesh

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### Intermediate; **Percentage: 76%** April 2020 - March 2021

**Gurukul Public School** Hamirpur, Himachal Pradesh

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### Matriculation; **Percentage: 89%** April 2018 - March 2019