

Daksh

India | sharmadaksh275@gmail.com |  Daksh |  dvskullz

Professional Summary

Enthusiastic and forward-thinking final-year B. Tech IT student, passionate about Full-Stack Development with a strong focus on backend systems. Comfortable with CLI tools, terminal-based workflows, and involved in open-source contributions. Experienced with hands-on projects and committed to building scalable, impactful software.

Experience

Offdef Cyber Solutions LLP, Pen-Testing Intern

Summer Internship

- **Tools/Technologies:** Kali Linux, Bash, Python3
- Conducted end-to-end penetration testing on a deliberately vulnerable VM, simulating real-world attack scenarios. Performed reconnaissance, enumeration, and exploitation to gain unauthorized access.
- Escalated privileges and captured the root flag, simulating real-world attack methodologies.

Technical Competencies

- OS: Windows | Linux (Arch, Fedora)
- Languages: *Java(Core, C++ , Python, HTML, LaTeX*
- Version Control: *Git, Github*
- Databases: MySQL, SQLite
- Other Interests: *Open-Source, CLI, Data Science, AI/ML*

Education

Chandigarh Group Of College, B.Tech. in Information Technology

August 2022 - August 2026

- Percentage: 75.5%

Manish Papneja Memorial Public School, XII (CBSE)

2022

- Percentage: 78.6%

Manish Papneja Memorial Public School, X (CBSE)

2020

- Percentage: 77.6%

Projects

Core-Chain

 Github

- **Tools/Technologies:** Java, Git, IntelliJ IDEA
- Implemented a basic blockchain in Java demonstrating block structure, proof of work, hashing, and validation.
- Demonstrated secure data linkage and wallet-based transaction signing.

Blackjack Game

 Github

- **Tools/Technologies:** Java
- Built a console-based Blackjack game applying Object-Oriented Programming (OOP) principles such as encapsulation, inheritance, and polymorphism to structure game entities.

Certifications

- AWS Academy Graduate - AWS Academy Cloud Foundations
- AWS Academy Graduate - AWS Cloud Operations
- AWS Academy Graduate - AWS Academy Data Engineering
- Infosys Springboard - HTML, CSS, JAVASCRIPT
- Infosys Springboard - Hands on HYPER-V Technology
- SWAYAM NPTEL - Database Management System

Other Highlights

Languages: *English, Hindi*

Interests/Hobbies: *Chess, Reading, Journaling*