Shreya Kshatri

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EDUCATION

Lakhmi Chand Institute of Technology, *B.tech CSE* | Bilaspur, India. CGPA:7.9/10.0 May 2024

Hackathon Round Clear | Web development winner | Code Anthon Coding Competitions winner | Resilience Soft multi campus code competitions winner | Founder: Kshatri Educations

Courses: DBMS | OS | Computer Networks | Digital circuit | Computer Architecture Design | OOPs | DSA || ML |Cloud computing| Cyber Security | Generic AI Implementation.

SKILLS

Solid knowledge in Graphic Design, Cyber security and Programming Documentation

Languages: Kali Linux, Docker, Cloud, Git/GitHub, HTML, JavaScript, Networks, Python, JAVA, C/C++,

Software: Linux, Wireshark, Dark Web Surfing, Nmap, SqlMap, Blender,Visual Studio, Arduino, Photoshop,

AI with Cyber security.

Work Experience

KE Educations Website - *Web Dev Winner* | Jan 2024 | A fully dynamic working website• I attained the highest rank among my peers on the college campus • Tools were used are HTML, CSS, JS

Code Anthon-Hackathon- participated in an inter-college coding competition|Dec2023|
the second round. This experience helped me improve and consolidate my *problem-solving skills*.

Resilience Soft- *Campus Coding Quiz Winner* | Bilaspur Dec 2023 •standalone person in the campus to win the company's *sharp quiz* application quiz.

Cyber security Intern @HackSecure (April 2025 – May 2025)
Working on ethical hacking, cyber defense**, and** web vulnerability assessments to strengthen real-world application Security

Cyber security Intern @Shadowfox (May 2025 – June 2025)
Working on Encrypting tools and protecting data with ethical methods.

Project

Cypher Vault – Secure Password Manager Application
Java, XML, AES Encryption | Completed: Nov 2024
Developed a **Java-based password manager** with **AES encryption**, biometric authentication, and PIN protection. Designed a secure UI using XML. Achieved multi-level data protection and implemented plans for future integration of **SOS safety alerts**.

Intrusion Detection System (IDS)
Python, Scikit-learn, Flask, HTML/CSS | Completed– Apr 2025
Built a real-time **intrusion detection system** using a Random Forest model trained on the **NSL-KDD dataset**. Integrated **packet sniffing**, threat classification (multi-class), and **live monitoring on a web interface**.

Educational Institution Website
HTML, CSS, JS, PHP | Jan 2024
Developed a dynamic website focusing on educational services with multiple sections for institutions.| Ranked **#1 in campus evaluations** for design and functionality.

Inter-College Coding Competition
Problem Solving, Logic Building | Feb 2024

Secured **Round 2 Finalist** position in an inter-college coding contest. Enhanced logical reasoning and algorithmic thinking through competitive rounds.

Summary

Technically, Computer Science student with 3 years of **teaching experience** and hands-on skills in **ethical hacking, network security, machine learning**, and **web development**. Proficient in **Java, Python, C/C++**, and cybersecurity practices, with a strong focus on **vulnerability assessment, intrusion detection**, and secure software development.

Experienced in delivering technical concepts clearly while building real-world, scalable, and secure systems.