

Yuvang Singh

+917318215539 | 2k22.cscys.2213003@gmail.com | Kanpur, Uttar Pradesh, India |
https://www.linkedin.com/in/yuvang-singh-268a7825a | https://github.com/Yuvang-24

SUMMARY

I am final year student with a background in cybersecurity, where I gained experience in threat detection, vulnerability assessment, and basic network security. Alongside this, I have built a solid foundation in software development, which allows me to write secure and efficient code. I enjoy problem-solving, learning new technologies quickly, and paying attention to detail. I'm now looking for an entry-level role where I can contribute to building software solutions while also keeping security in mind.

EDUCATION

Pranveer Singh Institute Of Technology, Kanpur, India Bachelor of Technology (Computer Science and Engineering) Specialization in Cyber Security	Dec 2022 — Jul 2026 Percentage - 73.17%
Lucknow Public School and Colleges, Madhoganj, India Senior Secondary (XII)	May 2022 Percentage - 73.80%
Lucknow Public School and Colleges, Madhoganj, India High School (X)	Mar 2020 Percentage - 80%

CERTIFICATE & ACHIEVEMENTS

Introduction to Cybersecurity, Cisco	Sep 2024
Networking Basics, Cisco	Oct 2024
Solved 300+ Problems on LeetCode & HackerRank	
4 Star Coder in Problem Solving @HackerRank	

PROJECTS

Stealth Pixels(Image Steganography), Link

- Developed a Python-based image steganography tool to securely hide confidential text data within image files.
- Implemented Least Significant Bit (LSB) technique for data embedding and extraction.
- Focused on data security, accuracy of retrieval, and minimal distortion in image quality.
- Gained practical experience in cryptography concepts, image processing (using libraries like OpenCV, Tkinter), and secure data transmission.

Online Crime Reporting System

- Developed a web-based application to enable users to report crimes and track complaint status online.
- Implemented user authentication, complaint registration, and admin dashboard features for efficient management.
- Designed a secure and responsive front-end using HTML, CSS, and JavaScript; developed back-end using PHP and MySQL for database management.
- Gained hands-on experience in full-stack development, database connectivity, and secure web application practices.

Custom Video Player

- Developed a fully functional custom video player using HTML, CSS, and JavaScript with enhanced UI/UX features.
- Implemented core functionalities such as play/pause, volume control, progress bar, Fullscreen toggle, and playback speed adjustment.
- Designed a responsive and accessible interface with intuitive controls for seamless user interaction.
- Strengthened front-end development skills and deepened understanding of DOM manipulation and event handling.

SKILLS

Programming Languages	: C++, Basic Java, Python, HTML, CSS, JavaScript
Development Tools	: Vs Code, Kali Linux, MySQL
Computer Science Fundamentals	: DBMS, Operating System, Data Structures, Cryptography
Soft Skills	: Leadership, Time Management, Team Collaboration