Yuvang Singh

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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**   **Dec 2022 — Jul 2026**
Bachelor of Technology (Computer Science and Engineering)
Specialization in Cyber Security

Percentage - 73.17%

Lucknow Public School and Colleges, **Madhoganj, India**   **May 2022**
Senior Secondary (XII)

Percentage - 73.80%

Lucknow Public School and Colleges, **Madhoganj, India**   **Mar 2020**
High School (X)

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) | Python, OpenCV, Tkinter, 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 | HTML, CSS, JavaScript, PHP, MySQL
- 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.

Personal Portfolio Website | HTML, CSS, JavaScript , Link
- Designed and developed a responsive personal portfolio website to showcase projects and skills.
- Implemented interactive project cards with GitHub repository redirection for seamless project access.
- Deployed the website on Netlify, ensuring accessibility across devices and browsers.
- Strengthened front-end development skills by applying modern design practices and reusable components.

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