

Kushagra Tandon

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SUMMARY

Enthusiastic computer science student with a solid foundation in Python, HTML, CSS, JavaScript, and Java, seeking an internship or entry-level position to apply problem-solving skills and technical expertise to real-world challenges. Demonstrates strong problem-solving abilities, a quick learning aptitude, and a deep passion for software development. Eager to contribute meaningfully to a dynamic and innovative software development team while remaining committed to continuous learning and professional growth.

EDUCATION

Pranveer Singh Institute Of Technology (PSIT), Kanpur

12/2022 – 07/2026 | Kanpur

BTech (Computer Science & Engineering)

Cum. GPA: 7.8/10.0

B. Tech percentage: 78%

Dr. Virendra Swarup Education Centre

Kanpur, Uttar Pradesh

Class X : 87% | Class XII : 68.8%

Skills

Languages: Python(Intermediate), Java(Basic), C/C++(Basic)

Technologies: HTML, CSS, React, JavaScript, Git/GitHub, Node JS, Artificial Intelligence, SQL

Soft Skills: Project Management, Organizational Skills, Communication Skills, Research Skills, Data Structures & Algorithms, Problem Solving

Coursework: DBMS, Operating Systems, Data Structures, Computer Networks

PROJECTS

Emotion-Based-Music-Recommendation-System 🔗

08/2023 – 07/2024

- A music recommendation system that uses face recognition to detect human emotions.
- Utilized Python libraries including OpenCV, cv2, Stream lit, Media pipe, NumPy, Matplotlib, and Keras for emotion detection.
- Real-Time Emotion Recognition.
- Integrated with YouTube API to fetch and recommend songs based on detected emotions.

Secure Notes App 🔗

04/2025 – Present

- Advanced AES-256 Encryption: The app secures personal notes using AES-256 encryption, ensuring that only the user can access and read their data—even if the device is compromised.
- Tamper-Proof Blockchain Tracking: Each note's metadata (creation time, last modified, etc.) is recorded on a blockchain, preventing unauthorized edits or deletions and maintaining a verifiable history.
- Secure and Private Note-Taking: Designed for individuals who prioritize data privacy, the app combines military-grade security with a simple, user-friendly interface for safe, confidential note management.

My Portfolio Website 🔗

09/2024 – 01/2025

- Created a personal portfolio website to showcase projects, skills, and certifications
- HTML, CSS, JavaScript, Bootstrap, GitHub Pages

Certificates

Python(Basic) Hacker rank Certificate 🔗

12 July 2024

SQL(Basic) Hacker rank Certificate 🔗

1 October 2024