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: 68.8% | Class XII: 87%

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