

Kushagra Tandon

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| <https://kushagrandon2609.github.io/My-Portfolio/> |

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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

School | Dr. Virendra Swarup Education Centre | March, 2022 | Kanpur, Uttar Pradesh

College | PSIT Kanpur | BTech in Computer Science | Expected: July 2026 | Cum. GPA: 7.48/ 10.0 | B. Tech percentage: 78%

PROJECTS

Emotion-Based-Music-Recommendation-System | August 2023 – July 2024 | <https://github.com/kushagraTandon2609/EMOFI->

- 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.

My Portfolio Website | September 2024 – January 2025 | <https://github.com/kushagraTandon2609/My-Portfolio>

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

Secure Notes App | April 2025 – Present | <https://github.com/divyanka1711/Secure-notes-app>

- 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.

Skills

Languages: C++, C, Java, Python

Technologies: Git/GitHub, React, Node JS, Machine Learning, Artificial Intelligence, UI/UX, SQL, JS, HTML, CSS

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

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

Certificates

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| • HTML5, Infosys Springboard | August 2023-September 2023 |
| • CSS3 Infosys Springboard | October 2023-November 2023 |
| • Object Oriented Programming using Python, Infosys Springboard | April 2024-May 2024 |
| • Programming Fundamentals using Python - Part 1, Infosys Springboard | December 2023 |
| • Programming Fundamentals using Python - Part 2, Infosys Springboard | June 2024 |
| • Python(Basic) Hacker rank Certificate | 12 July 2024 |
| • SQL(Basic) Hacker rank Certificate | 1 October 2024 |