Jay Vardhan Chaudhary

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EDUCATION

- **Pranveer Singh Institute of Technology**, Kanpur   **CGPA: 7.4**
  BTech (Information Technology), 2021-2025
  Courses: Data Structures (DSA), Operating Systems, Machine Learning, DBMS, OOPS
- **St. Mary's Inter College,** Etawah
  Intermediate, 2019-2020
  High School, 2017-2018

WORK EXPERIENCE

1) Web Developer Intern, Bharat Intern | Remote   **SEP-OCT 2023**
  - Utilized HTML, CSS, and JavaScript to ensure a smooth user experience.
  - Troubleshooted and debugged issues, improving website performance.
  - Implemented new features for better performance.

PROJECTS

1) Hotel Management System | HTML, CSS, JavaScript, MySQL, PHP, AJAX | [link](#)
- Software that helps hotel owners and staff to manage various aspects of their business, such as reservation, check-in/check-out, billing, housekeeping, inventory, and more.
- Integrate with other systems, such as online booking engines, channel managers, revenue management tools, and guest feedback platforms, to streamline the hotel operations and increase efficiency, revenue, and guest satisfaction.

2) Most Dominant Color | Python, ML(KMeans Clustering), OpenCV | [link](#)
- Project aims to extract the most dominant colors from an image using K-means clustering, an unsupervised learning algorithm that partitions data into k groups based on similarity.
- The project involves the following steps:
    i)   Read the image and convert it into an array of RGB values.
    ii) Scale the RGB values using standardization.
    iii) Apply K-means clustering on the scaled data and assign each pixel to a cluster.
    iv) Find the cluster centroids and their corresponding colors.
    v) Plot the original image and the segmented image with the dominant colors.

3) Portfolio Website | HTML, CSS, JavaScript, ReactJS, ExpressJS, MongoDB, Git, APIs, Netlify | [link](#)
- A portfolio website provides relevant information to potential employers about your skills, experience, and projects you've worked on.
- A portfolio can also help build trust with clients because they have direct evidence of the quality of your work.

TECHNICAL SKILLS

  I.   Languages: C/C++ (Proficient), Java, Python, JavaScript
  II. Full Stack Development: HTML, CSS, JavaScript, NodeJS, ReactJS, ExpressJS
  III. Database: MySQL, MongoDB
  IV. Data Science: Simple Neural Network, DenseNet, ML Algorithms (Classification, Clustering)
  V.   Developer Tools: VS Code, Git

HONORS AND AWARDS

- Certification from Infosys in HTML5, CSS, JavaScript and Python - [link](#)
- Certification from edX in Exercising Leadership - [link](#)