

# ADITI SINGH

Graduate

📍 Kanpur | 📞 +91-7307335897 | ✉️ aditisingh110203@gmail.com

🌐 [HTTPS://LINKEDIN.COM/IN/ADITI-SINGH-137205223](https://www.linkedin.com/in/aditi-singh-137205223)

## CAREER SUMMARY:

Organized and Dependable Candidate successful at managing multiple tasks and priorities with a positive attitude. Willingness to take an added responsibilities to meet team goals.

## EDUCATION:

- B.TECH IN COMPUTER SCIENCE FROM PSIT COLLEGE OF ENGINEERING, KANPUR | DEC 2020 – AUG 2024 71.5%
- Class XII in ICSE from Dr. Virendra Swarup Education Centre, Kanpur | Apr 2019 – July 2020 77.5%
- Class X in ICSE from Dr. Virendra Swarup Education Centre, Kanpur | Apr 2017 – May 2018 80%

## PROJECTS:

### THE COLOUR DETECTION USING OPEN CV IN PYTHON | Oct 2022 – Apr 2023

- This project utilizes OpenCV in Python to implement a robust color detection system. It processes images by converting them into the HSV color space, simplifying the segmentation of specific color ranges through thresholding.
- The integration of the K-means clustering algorithm further refines this process by grouping similar color pixels, allowing for precise segmentation of the target color regions.
- This approach enhances detection accuracy, making it suitable for applications such as object tracking and quality control.
- Overall, the project demonstrates an effective combination of traditional image processing techniques and clustering methods to solve real-world computer vision challenges.

### ORANGE HRM | Jan 2025 – Apr 2025

- The Orange HRM project is a comprehensive Human Resource Management system designed to streamline various HR functions within an organization.
- It offers modules for employee information management, leave tracking, performance evaluations, recruitment, and payroll processing.
- The system aims to automate routine HR tasks, thereby reducing administrative overhead and enhancing overall productivity.
- Being an open-source solution, it provides the flexibility to customize and integrate additional features to suit specific organizational needs.

### BANK MANAGEMENT SYSTEM | Jan 2022 – May 2022

- Developed a Bank Management System to streamline digital banking operations and enhance customer convenience.
- The system enables online account creation, fund transfers, deposits, and withdrawals, providing real-time updates on account balances and transaction history.
- It employs robust security measures, including encrypted passwords and role-based access control, to protect user data.
- The project utilizes PHP for backend processing and MySQL for efficient data storage, while the user-friendly interface is built with HTML, CSS, and JavaScript.

## SKILLS:

- DATA STRUCTURES, HTML + CSS, DBMS, STLC, SDLC, PYTHON, SQL, JAVASCRIPT, OOPS
- COMMUNICATION, TEAMWORK, CRITICAL THINKING, TIME MANAGEMENT, ADAPTABILITY, LEADERSHIP, AND CREATIVITY

## LICENCE AND CERTIFICATIONS:

- FULL STACK WEB DEVELOPMENT COURSE – UDEMY
- FUNDAMENTAL DATA SCIENCE – YBI FOUNDATION
- MANUAL TESTING COURSE – UDEMY
- PYTHON FOR BEGINNERS – GREAT LEARNING
- PYTHON (BASIC) CERTIFICATIONS – HACKERRANK
- THE COMPLETE DATA STRUCTURES AND ALGORITHMS COURSE IN PYTHON – UDEMY