

# Vipul Singh

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## EDUCATION

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- **Bachelor of Technology (B.Tech): 8.37(Ist Year)** **Nov 2022 - July 2026**  
**Computer Science Engineering (AIML)**  
Noida Institute of Engineering and Technology, Greater Noida
- **12th CBSE: 88.6% (PCM)** **2022**  
Ambika Prasad Memorial Public School, Shuklaganj, Unnao

## PROJECTS

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- **Face Recognition-Based Attendance System** **September 2023-Present**  
**Description:** Developed a Face Recognition-Based Attendance System using Python, incorporating OpenCV, Tkinter, MySQL, and LBPH (Local Binary Pattern Histogram) algorithm.  
**Technologies:**
  - Implemented OpenCV for face detection and recognition.
  - Utilized Tkinter for creating a user-friendly interface.
  - Integrated MySQL for efficient data storage and management.
  - Implemented LBPH algorithm to enhance facial recognition accuracy.
- **Personal Portfolio** **July 2023- August 2023**  
**Description:** Designed and developed a responsive personal portfolio website showcasing technical skills and projects.  
**Technologies:** HTML5, CSS3, JavaScript for an interactive and visually appealing user interface  
**To access the portfolio:** [vipulsingh1407.github.io](https://vipulsingh1407.github.io)

## SKILLS

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- **Technical Skills:** Data Structures and Algorithms, Git, GitHub, MySQL, MERN Stack, SQL, MongoDB
- **Programming Languages:** C++, also familiar with Python and Java
- **Soft Skills:** Problem Solving, Communication, Team Work, Adaptability, Leadership

## CERTIFICATIONS

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| • Programming Using Java-Infosys Springboard   | November-2023  |
| • Programming Using Python-Infosys Springboard | October-2023   |
| • Introduction to AI Using IBM Watson-Coursera | September-2023 |
| • C++ Programming Bootcamp- LetsUpgrade        | December- 2022 |

## EXTRA-CURRICULAR

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- Student Member IEEE
- Student coordinator Departmental Coding Club and Cultural Club
- Organized Hack-The-Web Webathon with more than 200 participants as a student coordinator
- Participated in Smart India Hackathon 2023 (Nominated for finals)