



SUDHANSHU SHEKHAR JHA

B-20 GAURI SHANKAR ENCLAVE PREM NAGAR 3rd, NEW DELHI 110086

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Education

BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

2024-2028

8.84 SGPA

New Delhi, India

Relevant Coursework

- Data Structures
- Database Management
- Systems Programming
- Software Methodology
- Web Designing
- Advance computer vision

Projects

Weather information | *HTML, CSS, JAVASCRIPT API*

December 2024

- Developed an Frontend Website using html , css and javascript to get information about weather on any place by just putting the city name and the server gives you weather's information.
- The Design of the website is created by css and tailwind make it responsive .
- Using an online free weather API to collect information from its server.

cursor - eye movement | *Python, Opencv , Mediapipe*

March 2025

- Created a hands free eye-controlled mouse using Opencv , Mediapipe and pyautogui.
- I developed a system that track eye movement to control the cursor , enabling a seamless , touch-free computing experience.
- I used different technologies to create hands free eye-controlled mouse like Opencv is for real time video processing , Mediapipe is for accurate facial landmarks detection and PyAutoGUI is for to simulate mouse movements and clicks.
- This project open doors for accessibility solutions , helping individuals with mobility impairments interact with computers effortlessly . Developed in Pycharm , it showcase the power of computer vision and human - computer interaction.

Quiz App | *html, css , Javascript , Opentrivia API*

February 2025

- created a quiz mini project by using html , css and Open Trivia API javascript.
- A dynamic quiz web app that fetches real time questions from the open trivia api , Fetches random questions from multiple categories , Open Trivia API is for diverse , category - based questions , Javascript for handling API requests and user interactions
- HTML , CSS for a sleek and responsive UI. .

Technical Skills

Languages: Python, C++, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Pycharm , mysql, jupyter

Technologies/Frameworks: Tailwind CSS, Opencv, GitHub, Mediapipe, Figma , PyAutoGUI ,Tkinter