

Ajay Kumar Gupta

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Academic Qualification

Kashi Institute of Technology | Varanasi, UP
Engineering in Computer Science | 74.78% (up to 6 sem.)

2020-2024

The Ab's Rowland School | Varanasi, UP
Intermediate in Science | 71.4%

2019-2020



Technical Skills

- Languages: C, C++, JAVASCRIPT
- Development Skills: HTML, CSS, Bootstrap, Git, node.js, react.js
- Development Tools: Microsoft Visual Studio
- DB Language: MySQL



Projects

○ Attendance using Facial Recognition (Microsoft Engage 2022 Mentorship Program)

- A web-app built with Flask and image recognition library for taking Attendance.
- Uses SQLite for database management and Flask login for session-based Authentication.
- Once attendance is done, it allows users to download the present users list as a CSV file.
- Uses file-based management for each user's attendances.

TECHNOLOGY: - Python 3.6, Pandas, Open-CV2, Flask, SQLite, BulmaCSS

LINK: - [face recognition system](#)

○ Sorting Visualizer using HTML, CSS, and JavaScript (personal project)

- As part of a personal project, I developed a Sorting Visualizer application **using HTML, CSS, and JavaScript**. The application allows users to observe and understand various sorting algorithms in action. Using the power of JavaScript, the visualizer animates popular sorting algorithms like **Bubble Sort, Merge Sort, Quick Sort, and more**.
- In this project, I focused on creating an intuitive user interface with HTML and CSS to present the sorting algorithms in an easily comprehensible manner. The algorithms were implemented in JavaScript to showcase the **step-by-step sorting process through smooth animations and visual cues**. Users can **interact with the visualizer, adjusting the array size and speed of the sorting process to gain insights into the inner workings of these algorithms**.

TECHNOLOGY: - HTML, CSS, JAVASCRIPT

LINK: - [-SORTING VISUALISER](#)



Certificate

- Apr-2023 | TCS NQT – Getting 86.75% in programming section.
- Aug-2023 | OOPs in C++ by Coding Ninjas [Certificate link](#)
- Aug-2022 | JavaScript for Beginners by simplilearn.com [Certificate link](#)



Achievements

- 2023 | 190 + problems and with badges @LeetCode || link: [A K Gupta55](#)
- 2023 | 190 + problems of DSA @GFG || link: [akgupta555](#)
- 2022 | 5 ★ C++, problem solving badge @hackerrank || link: [agupta55544](#)