

# Ashutosh Parashar

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## Technical Skills

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**Languages:** C++, Python, JavaScript  
**Web Development:** HTML5, CSS3  
**Developer Tools:** VS Code, Git, Github  
**Libraries/Frameworks:** Pandas, Matplotlib  
**Databases:** MySQL

## Education

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**Lakshmi Narain College of Technology & Science**  
*Bachelor of Technology in Computer Science & Engineering*

Bhopal, India  
*Sept 2024 - Aug 2028*

**Gwalior Glory High School**  
*12th CBSE, 80.4%*

Gwalior, India  
*May 2023*

**Gwalior Glory High School**  
*10th CBSE, 88.4%*

Gwalior, India  
*Aug 2021*

## Projects

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**Covid Data Analysis** | *Python, Pandas, Matplotlib* | [Github](#)

- Engineered a Python script to visualize COVID-19 case data, allowing users to compare statistics by country for a year.
- Utilized Pandas for efficient data processing and Matplotlib to generate clear, comparative bar charts.

**Virtual Etch-a-Sketch** | *HTML5, CSS, Javascript* | [Github](#) | [Demo](#)

- Developed a browser-based, interactive digital version of the classic Etch-a-Sketch toy.
- Engineered the core drawing functionality using JavaScript for dynamic grid creation and DOM manipulation.

**Visual Calculator** | *HTML5, CSS, Javascript* | [Github](#) | [Demo](#)

- Constructed a fully functional, minimal calculator with a responsive design for both desktop and mobile use.
- Implemented the core logic and user interface using vanilla JavaScript, HTML5, and CSS3.

**Fitness Centre DBMS** | *Python, MySQL* | [Github](#)

- Developed a terminal-based client in Python to perform CRUD (Create, Read, Update, Delete) operations.
- Designed and managed a relational database using MySQL to store and handle client and equipment records.

## Achievements & Activities

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**Competitive Programming:** Consistently practice problem-solving, successfully solving over 125+ questions on LeetCode covering various data structures and algorithms.

**Winner, AI Student Community COVID Challenge:** Recognized for developing an innovative data analysis project to visualize and interpret COVID-19 trends.

**SOF Olympiads Medalist:** Awarded 8 medals in Science Olympiad Foundation (SOF) competitions throughout school, demonstrating strong analytical and problem-solving skills in various subjects.