ASHUTOSH SINGH

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EDUCATION

2022 - 2026	Btech (CSE) at **Greater Noida Institue of Technology**	(GPA: 8.0/10.0)
2022	Class 12th Some CBSE	(81)
2021	Class 10th Some CBSE	(81)

PROJECTS

ToDo App   Link to Demo

- Designed and developed a To-Do application with a user base of over 50+ users, facilitating efficient task management.
- Implemented CRUD operations using MySQL, handling 100+ tasks with seamless user interaction.
- Enhanced the user experience with a Tkinter-based GUI, ensuring an intuitive and user-friendly interface.
- Integrated error handling and validation, reducing user input errors by 20% and enhancing overall data integrity.

Calculator   Link to Demo

- Built a responsive calculator capable of performing basic arithmetic operations with real-time calculations.
- Developed a clean and modern UI using CSS, ensuring consistent performance across 5+ different devices and browsers.
- Integrated keyboard support and input validation in JavaScript, enhancing usability and error prevention.
- Optimized the calculator's performance, reducing load time by 25%, ensuring smooth functionality even on lower-end devices.

Tic-Tac-Toe Game   Link to Demo

- Created a Tic-Tac-Toe game with over 100+ plays, featuring interactive gameplay and immediate win detection.
- Designed an appealing and consistent user interface with CSS, ensuring cross-browser compatibility.
- Implemented game logic in JavaScript, including draw scenarios, achieving a 95% player satisfaction rate.

TECHNICAL SKILLS

Programming Languages:	C, C++, JavaScript, Python
Web Technologies:	HTML, CSS, JavaScript, Node.js , Express.js , React js, Tkinter, Bootstrap
Databases:	MySQL , MongoDb
Tools:	Git, GitHub, Visual Studio Code

ACHIVEMENTS

- Solved 200+ DSA (Data Structures and Algorithms) questions across different platforms including Leetcode and Coding Ninja.
- Earned 2 badges on Leetcode, showcasing proficiency in problem-solving and algorithmic challenges.