GAURAV PRATAP SINGH

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EDUCATION

Indian Institute of Technology, Madras   (2023- Present)

BS in Data Science and Applications

Building a strong foundation in core data science concepts, including statistical inference, machine learning algorithms, and data mining techniques.

Developing proficiency in programming languages like Java, and Python which is essential for data analysis, manipulation, and model development.

Sri Sai Inter College, Lakhperabagh, Barabanki

12th Grade (Science Stream): Secured 71.2% with a focus on Physics, Chemistry, and Mathematics.   **(2021-2022)**

School Captain: Led all matters related to discipline, conduct, event planning, and coordination of major extracurricular and educational activities.

10th Grade: Achieved a score of 83.33% and secured a Good rank in the State Board.   **(2019-2020)**

SKILLS

- **Technical Skills:** Python, JavaScript, HTML, CSS, ReactJS, NodeJS, WordPress.

- **Database**: SQL, MongoDB.

- **Soft Skills:** Problem-solving, Leadership, Time Management, Teamwork, Presentation, communication skills; Adaptability and Critical Thinking.

PROJECTS

Airport Traffic Control System

Developed a Python-based simulation for managing airport traffic, including scheduling takeoffs and landings using Priority Queues. The project dynamically processed flight data via CSV files and implemented real-time runway management for efficient operations.

INTERESTS

- **Voracious Reader:** I devour books across genres, expanding my knowledge and perspectives.
- **Cricket:** From playing for my district team to captaining the school team, cricket has instilled a passion for teamwork and strategic thinking.
- **Fitness Enthusiast:** Maintain an active lifestyle through regular gym workouts and enjoy staying in shape.