SATYAM KUMAR || 21f2000243
Indian Institute of Technology Madras

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EDUCATION		
Program	**Institution**	**Year**
BS in Data Science and application	Indian Institute of Technology Madras	2025
Bachelor's in Computer Application	Anugrah Narayan College	2023

COURSES		
Modern application Development 1 & 2	Machine Learning Foundation	Machine Learning Techniques
Java	Business Data Management	PDSA
Database Management System	System Commands	Operating System

PROJECTS & PROFESSIONAL EXPERIENCES

Project Mentor *MAD-1 course, IIT MADRAS* (Sept '23 - current)	● Guided a cohort of **12** students from different backgrounds and skill levels, resulting in **90%** of them completing the MAD 1 project successfully. ● Providing hands-on mentorship, ensuring effective comprehension and application of **Flask** and **HTML** in web development projects. ● Tailoring mentoring approaches to accommodate individual needs, leveraging **adaptability** to navigate diverse skill levels within the project team. ● Achieve project milestones through adaptable mentoring strategies, resulting in **successful outcomes**.
TicketShow Course Project link Deployment Link	● It is a **Fullstack Web Application** similar to **BookmyShow**.This project allows hosts to manage shows and venues, and users to book tickets. It has a **search function** with filters, and displays shows based on their timeframe. When seats are full, it displays that the show is **houseful**. Users can rate and write reviews about the show. ● Implemented using **Flask** as Backend and **Vuejs** as Frontend. ● Used **SQLITE** for database and **Redis** for memory-caching and performance improvement. ● Used **Celery** for backend jobs.
Capstone Project Course Project (*currently working*)	● Engaging with businesses (organized and unorganized) to identify and address **data-related challenges**. ● Gathering **primary data**, cleaning, and analyzing it for actionable insights. ● Utilizing tools such as **pandas** and **Excel** for data analysis. ● Focus on **optimizing inventory** for a small general store. ● Ongoing commitment to the project. ● Providing valuable recommendations to enhance **operational efficiency**. ● Collaborating with **decision-makers** to address specific **business issues**.
WinGPT Personal project link	● Independently developed **WinGpt**, a versatile project that extends beyond basic assistant functions. Leveraging **generative AI**, WinGpt can create apps like **tic-tac-toe**, write entire applications, play **Spotify**, and even manage your computer, unlocking limitless possibilities limited only by your imagination. ● Implemented advanced features using **OpenAI** for generative AI capabilities. ● Utilized **subprocess** for executing external processes and managing system interactions. ● It has both **GUI** and **CLI** interface.

POSITION OF RESPONSIBILITIES

Creative Head *Saavan'22, IIT MADRAS*	● Designed and created **logos, posters, and trailers** for the online photography event, showcasing artistic skills and originality. ● Coordinated and supervised **a team of evaluators**, who assessed and ranked about **60 submissions** from participants, ensuring fairness and quality standards. ● Managed the **smooth conduct of the event**, handling technical issues, communication, and feedback.

EXTRA-CURRICULAR

POV Film making event	● Won the **first prize** in the **POINT of VIEW** event, a creative video making competition, where I compiled 10-20 clips into a 3-minute movie with original audio and voice-over. Demonstrated my editing skills, storytelling ability, and artistic vision.
Shah-Maat	● Runner up in the chess Tournament held at IIT Madras, Paradox event.