

SARTHAK JAIN

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EXPERIENCE

Data Analyst

March 2024 - September 2024

Engineering Innovation

Remote

- Led the data engineering process, resulting in a 50% improvement in model accuracy.
- Remodeled 100% of the data to fit native machine learning algorithms using Python.
- Achieved a 16% cost reduction for client business using AI and optimization techniques.

SKILLS

Technical Skills

Python, Data Science, Machine Learning, AI
SQL(MySQL), LLM, Power BI, Django-REST
DSA, DBMS, OOPS, Graph Theory

PROJECTS

LegalEase

- Engineered a sophisticated chatbot using LangChain, NLP, and Pinecone, handling 70% of legal inquiries autonomously, cutting response times by 40% and boosting operational efficiency by 35%.
- This project won the 'Best Use of TinyMCE' and 'Best GoDaddy Domain Name' at [Hack The Mountain 4.0](#).
- LegalEase showcases advanced natural language processing capabilities and effective integration of multiple technologies to provide reliable legal assistance. ([Try it here](#))

Stockers

- Developed an automated price action analysis tool using Python, Yahoo Finance, and Streamlit.
- This project secured a top 3 position in the Fintech category at [Hack This Fall 3.0](#), demonstrating strong technical skills and inventiveness. ([Try it here](#))

CERTIFICATIONS

- [Graph Theory](#). Focused on detailed discrete mathematics and network of graphs, provided by IISER (Pune).
- [Business Intelligence & Analytics](#). Hands-on course on knowledge and skills on the thought process, modelling approaches, and tools required to use data from the enterprise databases and other sources for business decisions, provided by IIT (Madras).
- [Application of Optimization Techniques](#). Advanced work on Game Theory and Queuing Theory for efficient use of resources, offered by MITS (Gwalior).

EDUCATION

Bachelors of Technology, MITS, Gwalior

2021 - 2025

Artificial Intelligence and Data Science

CGPA: 7.5

EXTRA-CURRICULARS AND LEADERSHIP

- Volunteered at [Balaji Old Age Home](#), organizing weekly activities to enhance residents' well-being. Coordinated events such as game nights, art sessions, and exercise classes, fostering a supportive and engaging community. Improved participation rates by 30% through personalized outreach and tailored programming.
- Achieved [NCC 'C' Certificate](#), demonstrating advanced leadership, discipline, and teamwork. Led a platoon of 40 cadets during drills, community service, and national-level camps, ensuring operational efficiency and fostering teamwork.