SANYAM JAIN

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Career Objective

Aspiring Python/Backend developer with a strong foundation in HTML, CSS, Python, Flask, PostgreSQL and SQLAlchemy. Eager to work in a company where I can apply my technical expertise and develop user-centric, efficient and optimized programs.

Key Skills: Python, Data Structure and Algorithms, DBMS (Database Management System), Excel
Python libraries & Modules - Numpy, Pandas, SkLearn, Flask, SQLAlchemy

Educational Qualifications

Degree/Examination	Board/University	Year of Passing	Percentage/CGPA
Bachelor in Science(BS)	**IIT Madras**	2021 - Present	8.16
BSc in Computer Science	DBRAU	2018 - 2021	58.2 %
Intermediate (XII)	CBSE	2018	70.2 %
High School (X)	CBSE	2016	8.40

Key Courses -
Grade B (8/10): Database Management Systems, Modern Application Development
Grade A (9/10): Data Structure & Algorithms, Machine Learning Techniques

Work Experience & Projects

- **JAIN ENTERPRISES | Internship**   [Jan'23-Apr'23]
  - ✔ Built Jain Enterprises' website, establishing their online presence and expanding their customer reach.
  - ✔ Assisted in managing business data, improved process efficiency by automating workflow using Excel.
  - ✔ Played a key role in transitioning the business from offline to online, resulting in increased sales.

- **Music Streaming Application Development**   [May'23-Aug'23]
  - ✔ Created a music streaming app using **Flask**, HTML & Bootstrap CSS. App contained three views: Admin, Creator and Viewer.
  - ✔ Created an efficient SQLite database associating user profiles, music uploads, and interactions for fast CRUD operations. Used **SQLAlchemy as ORM** for object oriented data retrieval.
  - ✔ Features include playlist management, recommendation, creator view, login functionality & search.
  - ✔ Implemented Admin dashboard with Analytics, ability to flag/promote a song/creator.

- **Taxi Fare Prediction Modeling**   [Aug'23-Present]
  - ✔ Preprocessed the data using missing value imputation, outlier handling and applied one hot encoder.
  - ✔ Used matplotlib, seaborn and pandas plotting to do exploratory data analysis and to understand relationships between variables.
  - ✔ Applied regression models and Fine-tuned model's parameters to optimize its performance.

Hobbies & Extra-Curricular Activities

- ✔ **Super Coordinator - Paradox**: Managed a team of 4 and organized **DATACRIC,** a technical event in PARADOX'23, held at **IIT Madras**. The theme of Datacric focused on data science & IPL auction.
- ✔ Coordinated an event called **"Pandora's Box"** in an online fest hosted by **IIT Madras**.
- ✔ Authored an article featured in a district-level children's book.
- ✔ Served as a Group Leader (GL) at IIT Madras.