Gaurang Gujrati

Location: Chennai, Tamil Nadu, India

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Data Scientist | Data Engineer

I am a skilled Data Scientist experienced in startup environments, specializing in project initiation and end-to-end development. My expertise includes Python, Django, data mining and analysis, and transforming raw data into actionable insights through AI and machine learning.

Technical Skills

Languages	:	Python, C, C++, Javascript
Frameworks	:	Django, Flask, Tensorflow, Keras, Pandas, Numpy, Matplotlib
Databases	:	MongoDB, MySQL
Dev Tools	:	Visual Studio Code, Git, Shell

Experience

Data Engineer Intern   March 2023 – Present
Vivadiant Pvt. Ltd.   *Remote – Chennai, Tamil Nadu, India*

- Collaborating directly with the founder's team, playing a crucial role in the development and evolution of the company's **core product**.
- Contributed to the development of Vivadiant's data infrastructure and technology stack, including **data governance** and **data quality** initiatives.
- Scraping Financial Data from various sources and making **financial models** using this data.

Education

SRM Institute of Science and Technology   Chennai, Tamil Nadu, India
Bachelor of Technology in Computer Science and Engineering   *Sep 2020 – Jun 2024*
CGPA: 8.89

Projects

Iris Detection   *Tensorflow, ResNet50, Python*   Source Code

- Python script that trains an eye-tracking model with ResNet50 and TensorFlow. It uses image data and labels for training, evaluates the model, and demonstrates it live.

Sentimental Analysis   *Python*   Source Code

- Python notebooks for performing sentiment analysis on online articles. The process includes scraping articles, cleaning text, and calculating sentiment and readability metrics, with results exported to an Excel file.

Real Estate Scraper   *Python, Selenium*   Source Code

- Python-based web scraper that extracts property information from the Delhi Government's E-Search Portal.

Financial Dashboard   *React, Typescript, MaterialUI, Javascript, Redux, Vite*   Source Code

- Business dashboard web application designed to visualize key performance indicators (KPIs) and other essential metrics for monitoring business performance.

Email Campaign Manager   *Python, Django*   Source Code

- Email Campaign Manager is a Django web app that simplifies email marketing. It supports subscriber management, campaign creation, and email sending via SMTP. Use Mailgun and Python's threading for parallel dispatch.

Certifications

- IBM Professional Data Science Certification
- 100 Days of Code: Python
- Mastering Data Structures and Algorithms