VIKYATH SHETTY

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EDUCATION

- **Sir M. Visvesvaraya Institute of Technology** 2019-2023
  BE in Computer Science and Engineering
  CGPA - 8.14

EXPERIENCE

Junior Data Science Engineer | Technomers

MAR 2024 - PRESENT

- Implemented 3-4 machine learning algorithms across various datasets.
- Deployed supervised and unsupervised learning models using Python frameworks, reducing feature engineering time by 30% and improving classification performance by 20%.
- Applied diverse machine learning algorithms and advanced data visualization techniques for dataset analysis, incorporating thorough data preprocessing and cleaning to ensure optimal input quality.
- Conducted complex web scraping tasks with Python libraries such as BeautifulSoup and Scrapy, streamlining data extraction from 7 websites and boosting data processing speed by 35%.
- Extracted critical data that enhanced market analysis accuracy by 40%, improving decision-making processes and boosting competitive edge by 25%.
- Developed high-performance data extraction workflows, capturing data from online sources, reducing manual data collection time by 60%, and improving data accuracy and availability for the analytics team.

PROJECTS

Movie Recommendation System

MAR 2024 – APR 2024

- Built an unsupervised movie recommendation system using Natural Language Processing (NLP) techniques, including Bag of Words and cosine similarity, to analyze 5,000+ movie descriptions, achieving a 30% reduction in search time for accurate recommendations.
- Deployed the application using Flask, creating a user-friendly web interface that allows users to input a movie name and receive five similar movie suggestions.

Banking Domain

FEB 2024 – MAR 2024

- Developed a project focused on detecting fraudulent transactions and cleaning ATM transactions.
- Utilized masked data combined from multiple Excel files to create a robust dataset, enhancing data integrity and diversity, consisting of nearly 200,000 rows and 31 columns.
- Implemented 4-5 machine learning models to evaluate performance, and utilized a voting classifier to combine predictions from various base models, achieving an accuracy of 98% for the dataset.

SKILLS

- Programming Languages - Python, SQL
- Data Science - Statistical Analysis , Machine Learning
- Databases - SQL Server , MongoDB
- Data Analysis - Power BI , Excel
- Operating Systems - Windows, Linux/Unix
- Tools - PyCharm , Jupyter Notebook , Git , GitHub

CERTIFICATIONS

- AI For Everyone - Coursera
- Data Science and AI Certificate - IBM
- Python , Statistics and Machine Learning – Learnbay