BURLAGADDA SAI NIKHIL

Chennai
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ABOUT ME

I am a Data Science and Machine Learning Enthusiast with good proficiency in Java, SQL and Python with its frameworks. I have a strong knowledge in Statistical Mathematics end enjoy modelling large Data Sets with maximum accuracy. I also have a good knowledge in Problem solving and Data Structures and Algorithms

PROFILES

GitHub: github.com/Sainikhil26
LinkedIn: https://www.linkedin.com/in/sai-nikhil-823338259/

EDUCATION

DAV Senior Secondary School *2016 - 2021*
HSC : 92 Percentage
SSC: 89 Percentage
Vellore Institute of Technology, Chennai *2021 - 2025*
B.Tech, Computer Science with AI/ML
GPA:8.8

SKILLS

Programming Languages
Python,C,C++,Java,PostgreSQL

Technical Skills and Frameworks
Machine Learning, Data Analysis, Statistics, Natural Language Processing

Soft Skills
Time Management, Critical thinking, Communication skills

EXPERIENCE

CodSoft, Internship
Implemented Machine Learning and NLP models during the tenure of the Internship.

Graphic Designer at Microsoft Innovations Club ,VIT Chennai
Designed graphics for technical events

Graphic Designer at Culture-IT Club,VIT Chennai

PROJECTS

Spam E-mail Detector
An End-to-End Machine Learning and NLP model which predicts whether a E-mail is spam or safe, by the patterns the model has developed. It is trained using a vectorization technique and Classification model on a real-world dataset. The web-application is built on streamlit
Tech Used: Python,Numpy,Pandas,Natural Language Processing,Scikit-Learn Framework,Streamlit
https://github.com/SaiNikhil26/Email-Spam-Detector

Movie Genre Prediction
An End-to-End Machine Learning Model which predicts the Genre of a movie based on the plot of the movie. It is trained using a vectorization technique and Naive Bayes Model on around 50000 movies dataset.
Tech Used: Python, Numpy, Pandas, Scikit-Learn Framework, Streamlit
https://github.com/SaiNikhil26/Movie-Genre-Predictor

Rwanda CO2 Levels
A Regression Machine Learning Model which predicts the amount of CO2 levels based on geological specifications of the area.
Tech Used: Python, Numpy, Pandas, Scikit-Learn Framework, Streamlit
https://github.com/SaiNikhil26/Rwanda-CO2

Bank Churn Prediction
An End-to-End Machine Learning which predicts the Bank Customer Churn. The Model is trained using ensemble methods and the web-application is built on Streamlit.
Tech Used: Python, Numpy, Pandas, Scikit-Learn Framework, Streamlit
https://github.com/SaiNikhil26/Bank-Churn-Prediction

Credit Card Fraud Detector
A Machine-Learning Project which detects fraudulent credit card transactions. The Model is trained using ensemble methods with hypertuned parameters on a real-time dataset on kaggle.
Tech Used: Python, Numpy, Seaborn, Pandas, Scikit-learn Framework
https://github.com/SaiNikhil26/Creditcard-fraud-detection

ACHIEVEMENTS

DataXACT, Data Science Club, VIT Chennai
Secured a Top-50 position
Implemented a Machine Learning Model using ensemble methods which predicts the amount of CO2 present in the air based on the parameters of the air present
Tech Used: Python, Numpy, Pandas, Seaborn

CERTIFICATIONS

SQL, Udemy
PostgreSQL from basics to Advanced for Data Science
https://www.udemy.com/certificate/UC-9069e75c-81d3-4587-b3b3-94fc38100926/

Machine Learning and Deep Learning, Udemy
https://www.udemy.com/certificate/UC-76acd99c-4629-40e5-bb41-86ae48516182/