JATIN SAREEN

CONTACT

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EDUCATION

J.C. Bose University Of Science And Technology, YMCA

- CGPA-: 7.39
- B.TECH COMPUTER ENGINEERING
- December 2021 - May 2025

DAV PUBLIC SCHOOL, SRESHTHA VIHAR

- SENIOR SECONDARY BOARD
- Percentage-: 88%
- -May 2020

Holy Angels' Sr. Sec. School

- SECONDARY BOARD
- Percentage-: 90.2%
- -May 2018

ACCOMPLISHMENTS

- Solved 600+ problems on Programming sites.
- 5 star in C++ and Problem Solving on Hackerrank.
- Specialist(Level-6) on Codestudio.

SKILLS

- C++
- Python
- Machine Learning
- Data Analysis

PERSONAL DETAILS

- Date of Birth-: 12/12/2002
- Gender-: Male
- Nationality-: India

WORK EXPERIENCE

CAMPUS AMBASSADOR
E-Cell, IIT Bombay
July 2022 - December 2022

- Key Skills: social media marketing
- Responsible for registering students of my college to participate in various events held by E-cell IIT Bombay.
- Spread awareness of events held by E-cell IIT Bombay through social medias like linkedin, Instagram.

CODING PROFILES

- **Github**
- **Geeksforgeeks**
- **Codestudio**
- **Leetcode**
- **Hackerrank**
- **Codeforces**

PROJECTS

- **Phishing Classifier**

Developed a machine learning model using Python to classify URLs as either legitimate or malicious based on their features. Utilized a dataset comprising various URL attributes and employed algorithms like XGBoost Classifier and Gradient Boosting for accurate prediction. Achieved 97.1% accuracy in identifying phishing URLs, contributing to enhanced web security.

Tech Stack Used-: Python, Flask, Machine learning algorithms, Pandas, Scikit-Learn, HTML, CSS, JavaScript

- **Sensor Fault Detection**

In this project, the system in focus is the Air Pressure system (APS) which generates pressurized air that are utilized in various functions in a truck, such as braking and gear changes. The datasets positive class corresponds to component failures for a specific component of the APS system. The negative class corresponds to trucks with failures for components not related to the APS system. The problem is to reduce the cost due to unnecessary repairs. So it is required to minimize the false predictions.The best Model is XGBoost Classifier with 99.6% accuracy and cost of 2950.

Tech Stack Used-: Kafka**,** Python, FastAPI, Machine learning algorithms, Pandas, Scikit-Learn, Docker, MongoDB