

Shankhadeep Sarkar

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EDUCATION

IIIT BHOPAL

B-TECH IN INFORMATION

TECHNOLOGY

Dec 2024 | Bhopal, Madhya Pradesh

7.9 CGPA/10

VIJAYAM SCHOOL

Grad. May 2020 | Visakhapatnam, India

LINKS

Github:// ssarkar

LinkedIn:// Shankhadeepsarkar

UNDERGRADUATE

Object Oriented Programming

Operating Systems

R-DBMS

Introduction to Programming

Data Structure

Object Oriented Software Engineering

Modeling and Simulation

SKILLS

PROGRAMMING

LANGUAGES:

- Java
- C++
- Python
- Javascript

TOOLS:

- Git • Windows • Android Studio
- VS code • Jupyter Notebook
- Spyder • Tableau

Framework and Libraries:

- Flask • React JS • Streamlit
- Pandas • Numpy • Scikit-Learn
- Seaborn • Plotly • Tensorflow
- Matplotlib

Technologies:

- HTML • CSS • SQL

OTHERS

- Teaching
- Debate
- Public Speaking

EXPERIENCE

MICROSOFT | MENTEE

04/2022 - 05/2022 | Remote

- Increased the accuracy of the Machine Learning model by 90 percent by testing different regression model and with help of hyper-parameter tuning.
- Analyzed market more efficiently with the help of Customer Segmentation.

SPARKS FOUNDATION | BUSINESS ANALYTICS INTERN

09/2021 - 11/2021 | Remote

- Worked on student data and analyzed the area of interest of the majority of the student joined the foundation for different fields.

IIIT PUNE HACKATHON | TEAM LEADER

06/2021 - 07/2021 | Remote

- Developed an android application based on social media.
- Used Java as a back end language and XML for front end language.
- Developed different feature for better user experience.

PROJECTS

INDIAN AUTOMOTIVE INDUSTRY ANALYSIS | PYTHON | MACHINE LEARNING | STREAMLIT | TABLEAU

It provides a dashboard based on engine performance, safety performance, and latest features of variants of various models of Automobile Manufacturers are provided. Along with this visualization, plots have been shown for understanding the market trends. It also has the feature of price prediction with manual input system with R-squared value of 94 percent Random Forest model.

Indian Automotive Industry Analysis

SOCIATAL | MONGODB | EXPRESS | REACT | NODE.JS

It is a social media web application with some user friendly features. A person can post image, user can choose the theme of the application i.e. light or dark.

Sociatal

DIJSKTRA ALGORITHM PATH FINDER | JAVASCRIPT | HTML | CSS | REACT JS

It is program which shows the shortest path in between two points with the help of Dijkstra's algorithm using React and language used in this project is javascript, css, html.

Dijkstra algorithm path finder

ACHIEVEMENTS

2022	90/2326	Kaggle Spaceship Titanic competition
2021	3799/25,935	Codechef May Challenge 2021