SHILAJIT BANERJEE

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EDUCATION:

2022 - Present | Indian Institute of Technology, Jodhpur
M.Tech in Artificial Intelligence

2017- 2021 | MS Ramaiah University of Applied Sciences, Bangalore
B.Tech in Computer Science and Engineering
8.89/10 CGPA

2017 | Kaijuli Hemchandra High School
Class 12
88.8%

2015 | Kaijuli Hemchandra High School
Class 10
91.85%

SKILLS:

- C
- C++
- Data Science
- Statistical Data Analysis
- Python
- Data Analytics
- Flask
- Machine Learning

CERTIFICATIONS AND ACHIEVEMENTS:

- **Data Science - Workshop at IISc**
  Ethical Edufabrica
- **Introduction to Statistics**
  Coursera
  Credential Id: Z9QBZ4NDP7PT
- **Machine Learning**
  Coursera
  Credential Id: TME2UJV43B3Y
- **Data Science Master Course**
  Coding Blocks
- **Problem Solving (Basic)**
  HackerRank
- **Introduction to Programming Using Python**
  Microsoft
  Credential Id: msca-DwhQ
- **GATE 2022**
  IIT-KHARAGPUR
  Score: 96.24 Percentile

PROJECTS:

- **Car Selling Price Prediction using Random Forest**
  The Dataset has over 4k data-points. Dataset consisted of categorical features. I handled the categorical features using encoding techniques. Using ExtraTreesRegressor best features were checked. Then necessary data pre-processing was done after that a best model was created and it underwent hyperparameter tuning (Randomized Search Cv). The model was at-last deployed.
- **Chemical Classifier using Ensemble Techniques**
  The Dataset was taken from Kaggle. After performing Explolatory data analysis and feature engineering I fitted the dataset into Xgboost (Ensemble technique) classifier. After finding the accuracy of the model I increased the accuracy using hyperparameter tuning. Hyperparameter tuning is done using GridSeachCv. At last the model was deployed using Flask.
- **Diabetics Prediction using Support Vector Machine(SVM)**
  The Dataset was taken from Kaggle. After performing explolatory data analysis and feature engineering I fitted the dataset into Support Vector Machine (SVM). After finding the accuracy of the model I increased the accuracy using hyperparameter tuning. Hyperparameter tuning is done using GridSeachCv. At last the model was deployed using Flask.