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NIHARIKA

Education

B.Tech in Metallurgical and Materials Engineering, 2018 - Present

National Institute of Technology, Durgapur, India

CGPA : 7.99

Senior Secondary - Central Board of Secondary Education, 2016-2018

Holy Mission Secondary School, Patna, Bihar, India

Percentage : 87.50%

High School - Central Board of Secondary Education, 2016

St. Karen's High School, Patna, Bihar, India

CGPA : 10.00

Projects

Loan Prediction (Analytics Vidhya Machine Learning Competition)

Designed a machine learning model to predict the loan eligibility of a customer based on customer credit history and application details. Conducted extensive data analysis across all parameters to understand the details of the credit industry. Used classification models like logistic regression and random forest.

BMI calculator

Designed a BMI calculator using streamlit (python's GUI library). It also gives instructions on how to maintain a good BMI.

Bike Sharing Demand (Machine Learning project from Kaggle)

Created a machine learning model to estimate the total number of rented bikes given various climatic and other features. Used various ensemble models with hyper-parameter tuning.

Tic-Tac-Toe Game (using React.js)

Built an interactive tic-tac-toe game as my first React JS project with functionalities to restart the game and the game logic. Learned the basics of React, using custom CSS and how to create components in React.

Skills

Languages

C, C++, Python, Javascript

Analytics

MS Excel, My SQL, Tableau basics, Supervised Learning, Data Analysis, Documentation and reporting

Basic Web designing

HTML, CSS, Javascript, React, Adobe XD

Python Libraries

Numpy, Panda, Matplotlib, Seaborn, Sklearn, Steamlit