SAYANTAN BAG

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Github
Linkedin

EDUCATION

- **RAMKRISHNA MAHATO GOVERNMENT ENGINEERING COLLEGE, PURULIA**
  Bachelors of Technology - Major in Computer Science and Engineering
  2021 - Present CGPA -8.10
- **VIDYANAGAR MULTI PURPOSE SCHOOL,WEST BENGAL**
  Senior Secondary Examination
  2021 Score -79.6%
- **VIDYANAGAR MULTI PURPOSE SCHOOL,WEST BENGAL**
  Secondary Examination
  2019 Score -75%

ACHIEVEMENT

- **2021 - PRESENT**
  SVMCM

  I received this Scholarship from the Government of WB based on the marks obtained in Higher Secondary Examination

CERTIFICATION

- **MACHINE LEARNING SPECIALISATION**
  Deeplearning,ai and Stanford Online
- **COMPLETE DATA ANALYST BOOTCAMP FROM BASICS TO ADVANCED**

INTEREST

- Machine Learning
- Data Science
- Deep Learning
- Computer Vision
- Competetive Programming
- Web Developement

PROJECT

Supernova Prediction Using ML (python, ml algorithms) (View)

- Built a Supernova prediction model using Logistic Regression on the HTRU dataset with Python, utilizing pandas, NumPy, scikit-learn, and Matplotlib for data pre-processing, modeling, and visualization.

Sound Generation Application (HTML, CSS, JS) (View)

- Created an interactive Drum Kit sound generation web application using HTML, CSS, and JavaScript, enabling real-time audio playback through keyboard and button inputs.

Weather Web Application (HTML, CSS, JS) (View)

- A dynamic weather app using HTML, CSS & JavaScript that shows real-time weather data via OpenWeather API. It displays key metrics like temperature & wind, with city-specific backgrounds from Unsplash for a rich user experience.

Responsive Real State Web Application(HTML,CSS,JS,React) (View)

- A responsive Real Estate website built with HTML, CSS, JavaScript, and React. It allows users to browse, search, and filter property listings with a modern, user-friendly interface.

Stock Price Prediction Using RNN(Python, Tensorflow) (View)

- A Recurrent Neural Network (RNN)-based project for predicting stock prices using historical data. Built with Python and deep learning libraries like TensorFlow/Keras to model sequential trends in stock markets.

Image Classification Rice Dataset Using CNN (View)

- A deep learning project for classifying different types of rice grains using image data. Built with CNN models and trained on the RICE dataset to achieve accurate visual classification.

WORK EXPERIENCE

Member of CARQ-Content Design Team **2023(FRB)-2023(DEC)**

At CARQ-Content Design Team, we focus on storytelling that connects. Whether it's for a college event, campaign, or club initiative, we blend creativity with clear messaging to make content that not only looks good but feels right. For us, it's not just about design—it's about crafting moments that stick.

TECHNICAL SKILLS

- **Language** : c , c++ , python, HTML , JavaScript , SQL,PostgreSQL
- **Developer Tools :** VS code, Jupyter Lab/Notebook
- **Package/Libraries** : Tensorflow , Pytorch , Sckit Learn,React
- **Others :** Excel,Canva,Git and Github,Power Bi