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SKILLS

- Java
- Python
- Frontend Development
- Web Development
- Backend Development
- Mern Stack

LANGUAGES KNOWN

English (Both)
Kannada (Both)
Hindi (Both)

Karthik Bommanal

PERSONAL DETAILS

Current Location	Bengaluru
Date of Birth	May 11, 2002
Male	

EDUCATION

Graduation

Course	B.Tech/B.E. (Computers)
College	Dr Ambedkar Institute of Technology, Bangalore, Bengaluru
Score	7.2%

Schooling	Class XII	Class X
Board Name	Karnataka	CISCE(ICSE/ISC)
Medium	English	English
Year of Passing	2020	2018
Score	80%	85%

INTERNSHIPS

Edunet foundation | August 2023 - October 2023

- The purpose of this analysis is to build a prediction model to predict whether a review on the restaurant is positive or negative. To do so, we will work on Restaurant Review dataset, we will load it into predicitve algorithms Multinomial Naive Bayes, Bernoulli Naive Bayes and Logistic Regression. In the end, we hope to find a "best" model for predicting the review's sentiment.

-To build a model to predict if review is positive or negative, following steps are performed.

-Importing Dataset
-Preprocessing Dataset
-Vectorization
-Training and Classification
-Analysis Conclusion

PROJECTS

Trash Cash | February 2024 - June 2024

- The "Trash Cash" project is a pioneering initiative aimed at revolutionizing waste management practices by intertwining environmental sustainability with economic empowerment.

This paper proposed the IoT based smart garbage monitoring and clearance alert system in which RGB led lights will be attached with the bins as the indicator of the garbage level of bin at that moment from which users will get the idea of the level of garbage inside the bin.

After disposal of garbage, the sensor present within the bin will monitor the level of the garbage. When the garbage level will meet the maximum capacity level it will send alert to the municipality and if the level is not crossed but the garbage is being cleared for more than two days then also a clearance alert will be generated.

An android app is developed to send the alerts from the microcontroller used in the system to the management. The whole procedure is reducing the human labor of monitoring.

Weather Prediction Using Data science | May 2022 - November 2022

- This project employs LSTM, a powerful deep learning method, to enhance weather forecasting for sectors like agriculture, energy, and disaster management.

The goal is to develop a multi-variable LSTM model for accurate predictions. LSTM excels in capturing complex temporal patterns, resulting in comprehensive forecasts and improved accuracy.

By collecting and preprocessing weather data, the model learns dependencies and nonlinear relationships. The project's outcomes optimize resource allocation and preparedness for weather-related events, benefiting various sectors.

In conclusion, this LSTM-based approach revolutionizes decision-making through accurate and adaptable weather predictions.

ACHIEVEMENTS

- PCMC combination in XII in school