Narsimha Bakka

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Summary

Enthusiastic and detail-oriented fresher, with hands-on experience in data science projects utilizing machine learning algorithms. Seeking to leverage my technical skills in a challenging role to contribute to the success of a forward-thinking organization.

Education

Telangana University
B.SC Computer Science
Jul, 2018 - Mar, 2022

Technical Skills

C, Python, C++, JAVA, HTML

Soft Skills

Collaboration, Problem-solving, Communication, Time management, Adaptability, Critical thinking

Additional Skills

Public Speaking, Writing, Research, Attention to detail, Respond to feed-back

Languages

English, Hindi, Telugu

Certifications

- python for Data-Science by IBM
- prompt engineering by Udemy

Work Experience

KLEE technologies
Data Science intern
Dec, 2023 - Mar, 2024
Assisted in the development and deployment of data models to support business decisions.

- Conducted data cleaning, preprocessing, and exploratory data analysis to identify trends and patterns.
- Collaborated with cross-functional teams to integrate data solutions into existing workflows.
- Created data visualizations and dashboards to communicate insights to stakeholders.
- Participated in brainstorming sessions and contributed ideas for improving data processes.

Projects

Water quality prediction using ML in python
Dec, 2023 - Mar, 2024
This project aims to leverage machine learning techniques to predict water quality parameters, providing an effective tool for monitoring and ensuring safe water standards. With the increasing concern over water pollution and its impact on health.

- Developed a robust water quality prediction model using machine learning techniques, achieving an accuracy of 92%.
- Utilized various algorithms, including Random Forest and Gradient Boosting, to effectively classify water quality parameters. Implemented feature engineering to enhance model performance and interpretability.
- Created a comprehensive data pipeline for preprocessing, training, and evaluation, ensuring seamless integration into existing systems.
- Designed an intuitive dashboard for real-time monitoring and visualization of water quality metrics. This project significantly improved the ability to predict and respond to potential water contamination events, enhancing public health and safety measures.

Crop recommendation using ML
Dec, 2023 - Mar, 2024
The Crop Recommendation System utilizes machine learning algorithms to suggest the most suitable crops for cultivation based on various parameters like soil type, weather conditions, and historical crop data.

- The crop recommendation system leverages machine learning to optimize agricultural output by analyzing soil properties, weather conditions, and crop requirements. Key achievements include enhanced yield prediction, reduced resource wastage, tailored crop suggestions, improved farmer decision-making, and increased sustainability,