BHARADWAJ VANIGANIPALLI

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EDUCATION

Reva University, Bengaluru   **2022 - Present**
B Tech (Bachelor of Technology)_Computer Science Engineering (AIML) (8.25 CGPA)

Rajiv Gandhi University of Knowledge Technologies, Kadapa   **2020 - 2022**
Intermediate_MBiPC (8.15 CGPA)

FIITJEE(EM) HIGH SCHOOL, Vijayawada   **2019 - 2020**
Secondary School Of Certificate (97.5%)

SKILLS

Web Technologies: HTML, CSS, JavaScript
Databases: MySQL, MongoDB
Programming Languages: Python, C, Java
AI Techniques: Machine Learning, Deep Learning (CNN, RNN), NLP
Tools: Scikit-learn, TensorFlow, Keras, Pandas, NumPy, Flask

PROJECTS

Crop Recommendation System
Technologies Used: Python, Machine Learning (Scikit-learn), Data Preprocessing (Pandas, NumPy)
- Developed a machine learning model to recommend optimal crops based on various factors like soil type, weather conditions.
- Utilized supervised learning algorithms (e.g., Decision Trees, Random Forest) to predict the best crops for specific regions, improving agricultural productivity.

House Price Prediction
Technologies Used: Python, Machine Learning (Scikit-learn), Data Analysis (Pandas, NumPy)
- Built a model to predict house prices based on features like location, size, and amenities using regression techniques.
- Achieved accurate price predictions by utilizing linear regression and random forest algorithms.

Gas Leakage Detector (IoT-based)

- Developed an IoT-based gas leakage detection system that uses sensors to monitor and alert in real-time.