K.M.R.S.K.Phalgun

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EDUCATION

IIIT SRI CITY
B.Tech in Computer Science
2022 - 2026 | Chittoor, Andhra Pradesh, India
CGPA: 9.56 / 10.0

NARAYANA JUNIOR COLLEGE
Intermediate - MPC
2020 - 2022 | Vijayawada, Andhra Pradesh, India
Percentage: 93.9

KKR GOWTHAM HIGH SCHOOL
SSC
Vijayawada, Andhra Pradesh, India
Percentage: 95.67

CERTIFICATIONS

Cloud Computing-from NPTEL
Supervised Machine Learning Regression and Classification-from Coursera

COURSEWORK

UNDERGRADUATE
Computer Architecture
DataBase Management System
Operating Systems
Data Structures and Algorithms
Object Oriented Programming
Computer and Communication Networks
Theory of Computation

SKILLS

TECHNICAL SKILLS
Java • C • Python • Javascript
Matlab • MySQL • HTML • CSS
NodeJs • ExpressJs • ReactJs
Assembly • Numpy • Pandas
Matplotlib • Seaborn

SOFT SKILLS
Problem Solving
Self-Learning
Teamwork
Presentation

LANGUAGES
English
Hindi
Telugu

PROJECTS

DREAMSPACES | Web App
- DreamSpaces is a comprehensive web application designed for buying, selling, and renting properties, including homes, commercial spaces, and plots. Additionally, it serves as a platform for connecting land developers with landowners to facilitate property development.
- Features: User Authentication, Property Listings, Search and Filters, Listing Management, Messaging System, Land Development Connection
- Tools and Technologies used: HTML, CSS, JavaScript, Node.js with Express, MongoDB

GEMSTONE DATASET
- Worked on Gemstone dataset which contains 1,93,573 rows and 11 columns such as carat, color, cut, clarity, depth etc(both numerical and categorical columns)
- Made a model using Linear Regression which can predict the price of the given Gemstone with the help of its properties
- Libraries Used: pandas, sklearn, matplotlib, seaborn, pickle

CROP RECOMMENDATION DATASET
- Worked on Crop Recommendation dataset which contains 2,200 rows and 8 columns such as temperature, humidity, pH, rainfall etc(all are numerical columns)
- Made a model using Decision Tree Regressor which can predict which crop can be more effective for growing with the given weather conditions and amounts of Nitrogen, Phosphorous and Potassium in the soil
- Libraries Used: pandas, sklearn, matplotlib, seaborn, pickle

STOCKS DATASET
- Worked on Stocks dataset which contains more than 6,70,000 rows and 8 columns such as date, time, open price, close price etc.
- Divided the dataset into clusters using K-Means Clustering algorithm to get meaningful insights for investing in stocks.
- Libraries Used: numpy, pandas, sklearn, matplotlib, seaborn, kneed

ROLES OF RESPONSIBILITY

CLASS REPRESENTATIVE
- Worked as Class Representative for the academic year 2023-2024.(UG-2)