KIRAN KUMAR MALLAM

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EDUCATION

B. TECH in Computer Science, KKR AND KSR INSTITUTE OF
TECHNOLOGY & SCIENCES CGPA: 8.79/10.0   2024

Intermediate(M.P.C) (XII), NARAYANA JUNIOR COLLEGE CGPA: 9.2/10.0   2020

S.S.C (X), SRINIVASA PUBLIC SCHOOL CGPA: 9.8/10.0   2018

SKILLS

Technical Skills: C, C#, .NET, JAVA, PYTHON, HTML, CSS, BOOTSTRAP.
Databases: SQL

WORKSHOP

- Successfully completed the TalentNext course on Java Full Stack conducted by Wipro
- Attended 36-hour Hackathon on IOT, conducted by MakeSkilled
- Attended 24 hours Hackathon on Full Stack development by MakeSkilled

PROJECTS

Innovative Machine Learning for Air pollution prediction (Major): Developed a machine learning solution to predict air pollution levels. Using web scraping and machine learning algorithms like Decision Trees, Random Forest, SVM, and KNN, I built a model that analyzes PM2.5, PM10, humidity, temperature, and location to classify air quality as Poor, Moderate, or Good. Leveraging PyCaret for efficiency, this project showcased my skills in machine learning and problem-solving for environmental issues.

Student Management System (Minor): Developed a menu-driven console application using pure Core Java to perform CRUD (Create, Read, Update, Delete) operations on student records. The system allows users to manage student information such as roll number, name, age, and grade, all within a command-line interface.

Smart Lighting (Minor): I led an IoT-based project aimed at optimizing street lighting efficiency by dynamically adjusting brightness in response to vehicle traffic. Motion-sensitive sensors detect vehicle movement, increasing street light brightness when vehicles are nearby. As vehicles move away, brightness decreases, cons erving electricity. This innovative approach to street lighting management ensures energy conservation while adapting to changing traffic conditions.

CERTIFICATIONS

- Web development Boot Camp (HTML, CSS, BOOTSTRAP) - Udemy
- Programming in Java − Wipro
- Python Programming − cognitive class

ACHIEVEMENTS

- Completed TalentNext course on Java Full Stack and achieved Digital Skills Readiness Program Course from Wipro
- Participated in college level Hackathon project conducted by Miracle Software Systems.
- Active member and coordinator of Student Organization.

HOBBIES

- Listening Music
- Drawing
- Cooking

DECLARTAION

- I hear by declare that all the information furnished above are true and authentic to the best of my knowledge and belief.