Ghanta Jaswanth Sai

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Telangana.

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CAREER OBJECTIVE:

Seeking a challenging position in a reputed organization where I can upgrade my skills with time and take the company to the next level.

EDUCATIONAL QUALIFICATION:

- **Bachelor of Technology - IT (2020-2024):**
  Seshadri Rao Gudlavalleru Engineering College,
  Gudlavalleru (AP) – 521236.
  CGPA – 7.81

- **Intermediate (2018-2020):**
  Bhavans Aurobindo College,
  Secunderabad (TS) – 500094.
  Percentage – 91.8

- **Secondary School (CBSE) (2018):**
  Vasavi Ideal Public School,
  Chinatadepalli (AP) – 534101.
  Percentage – 75.1

TECHNICAL SKILLS:

- Languages   : Java, Python(Django, Flask).
- Data Base   : SQL.
- Web Technologies   : HTML, CSS, JavaScript.

EXPOSURE:

Project:
- **Title:** Predicting The Performance Of Car Using Machine Learning.
- **Summary:**

This project aims to develop a machine learning model to predict the Miles Per Gallon (MPG) for cars. The model was developed using the Random Forest Regressor algorithm, which is a powerful and versatile machine learning algorithm for regression tasks. The model was trained on the autompg dataset, which is a publicly available dataset that contains information about various car features, such as engine size, weight, and fuel type. The model was able to achieve a high accuracy of over 95% on the test set. A user-friendly web interface was developed using JavaScript and Flask, which allows users to enter the values of various car features and get the predicted MPG value. The web interface is easy to use and can be accessed from any device with a web browser. Overall, this project demonstrates the potential of machine learning to improve the performance of cars and reduce their environmental impact.

- **Title:** An User Friendly IOT Enabled Smart Charge Station for Electric Vehicles.

- **Summary:**

      Electric vehicle technology is becoming more and more popular all around the world as more people opt for pollution-free transportation. Infrastructure for EV charging is a basic requirement as the number of EVs grows. Therefore, the goal of this project is to create an IoT-enabled Smart Charge Station, which will be smartened by IoT integration. This Project deals with both hardware as well as software. The temperature of the battery and its state of charge (SoC) (voltage, current, power, percentage) are sensed by sensors in the hardware portion of the system and displayed on an LCD, while in the software portion, a user-friendly interface is created so that the user can locate nearby charging stations and determine the SoC (voltage, current, power percentage) and temperature of the battery. When the battery temperature exceeds the normal range, it signals danger by sounding an alarm and switching off the power to the car. The user may quickly discover nearby charging stations by looking at the nearby charging stations, and we can estimate where charging infrastructure will be required. The vehicle's temperature and battery condition are automatically shown whenever it is plugged into a charging station on both the charging station's screen and in the mobile application.

Workshops:
- **GitHub:**
  Attended GitHub workshop conducted by our college
  Learning : Worked on some GitHub repositories etc.

- **Cyber Security :**
  Attended workshop on Ethical Hacking by Sai Satish.
  Learning : Worked on the tools like Metasploit , Nmap etc.

STRENGTHS :

- Teamwork, Creativity, Project Management.

ACHIEVEMENTS :

- Successfully completed **Joy of Computing Using Python** certification in **NPTEL** .
- Completed 2 weeks **AWS** Internship program conducted by **Brain O Vision Solutions pvt.ltd**.
- Completed 4 months on **Machine Learning** Externship conducted by **SmartBridge**.
- Successfully completed 3 months Internship on **Python Full Stack Engineer** conducted by **COAPPS**.

PERSONAL DETAILS:

Father's Name   : Ghanta Narendra Babu

Date of Birth   : 27-09-2001

Language Known   : English, Telugu.

Gender   : Male

Marital Status   : Single

Nationality   : Indian

Hobbies   : Watching Movies, Playing Cricket

Permanent Address   : D. no 8/315-1,
        Rajendranagar, Beside Viswabharathi School,
        6th Line, Gudivada, Krishna- 521301.