

Harish Pallantla

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Objective

- I am looking for opportunities that can help me enhance my skills and knowledge which allows me in contributing to the growth of the organisation. I am willing to explore a wide variety of opportunities that can help me gain perspective and looking forward to roles that will help me realise my potential.

Projects

- **Plant Disease Detection using Convolutional Neural Networks**

Deep learning algorithm model is build using Convolutional Neural Network. Plant images are categorically divided into plant families to which they belong. Then neural network model is applied to all the images and it trains automatically by extracting features from the images and used for Predicting new images. This is one of the most efficient models which can be used for processing thousands of images. Plant Village dataset is taken from the Kaggle to work on the model.

- **Travel Bot by using techniques like Recurrent Neural Networks, LSTM**

Chatbots are available in many fields. These bots make our life easy by providing useful services 24x7. Travel bots are one of them which can be helpful to us in making our vacation easy and hassle free. Natural language Processing techniques are used to understand the human language and machine learning algorithms such as K-means clustering to do the search results.

- **Customer Segmentation Analysis**

Customer segmentation has the potential to allow marketers to address each customer in the most effective way. The goal of segmenting customers is to decide how to relate to customers in each segment in order to maximize the value of each customer to the business. These analyses are made from previous customer data using k-means clustering algorithm and R programming language which in turn help us to make future predictions.

- **Quiz is a Web based application**

It is an online interactive quiz application implemented in python programming language using one of the fast-growing web frameworks like Django. A user can attempt a quiz by logging into the website using his login credentials and take the test. If he/she is new user they can simply create an account and login. There can be several tests present inside the website based on the eligibility of students.

- **Table Tab Food Ordering System** is an **Android based application**

It facilitates customers to order their desired food items right from the table itself without waiting for waiter to take order. They can place their order from this application which is installed in tabs placed at each table. It is an android based application which is installed in the tabs.

Education

- **M. Tech in Computer Science and Engineering Specialization in Artificial Intelligence and Machine learning.**
Vellore Institute of Technology, Vellore (2019 - 2021). CGPA- 7.87
- **B. Tech in Computer Science and Engineering**
Lovely Professional University, Punjab (2014 - 2018). CGPA- 6.21
- **Class XII (Board of Intermediate Education, Andhra Pradesh)**
Sri Chaitanya Junior College, Visakhapatnam (2012 – 2014) Percentage – 92.40%
- **Class X (Board of Secondary Education, Andhra Pradesh)**
Sri Sarada Vidya Nilayam, Visakhapatnam (2012) CGPA- 9.3

Courses & Trainings

- Machine Learning by Stanford University (Coursera.com)
- Natural Language Processing with Python (Udemy.com)

Area of Expertise

- Machine Learning | Deep Learning | Natural Language Processing
- Python | Java | R
- SQL | Django

Language Proficiency

English | Telugu | Hindi

Personal Details

DOB 23-May-1997