

# Potluri Pavan Teja

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## OBJECTIVE

Seeking a challenging position in an organization that gives me an immense scope to update my knowledge and skills in accordance with the latest technologies and to take a crucial part in the development of an organization.

## ACADEMIC QUALIFICATIONS

- **B. Tech** - Electronics and Communication Engineering | 2017 - 2021  
**St. Ann's College of Engineering and Technology, Chirala 7.31 CGPA (65%)**
- **Intermediate** - M.P.C | 2015 - 2017  
**Sri Chaitanya junior college, Vijayawada 93.8%**
- **S.S.C** | 2014- 2015  
**Sri Tagore's high school 9.5 GPA**

## TECHNICAL SKILLS

- Python
- Data Visualization
- SQL
- HTML
- CSS

## Projects

- **Green House Monitoring Using Android Application** (Final year project):

In this project it helps the green house management for not wasting of water and to maintain healthy environment for plants. Green house is completely depending on the humidity level and soil moisture This project demonstrates the design and implementation of a various sensors for greenhouse environment monitoring and controlling. This greenhouse control system is powered by Atmega328 microcontroller it consists of temperature sensor, light sensor, soil moisture sensor, LDR sensor, LCD display module, 12v DC fan, Bulb and pump. Temperature sensor senses the level of temperature., if it goes high DC fans gets on and when the temperature goes low the fan gets off. Soil moisture sensor senses the water level as the level decreases the pumps gets on. In the absence of light, the LDR sensor senses and the bulb starts glowing. By this way it will become easy to monitor and control the system.

- **Telephone Directory:**

It is a Telephone directory webpage that created using HTML, CSS. The Backend technology used in this project is python. We had used a dictionary data type to store the telephone numbers according to the name and number. Main reason to use this data type is it has key and value. We can access the elements in the dictionary with the key. Mainly we had three options in this project like Add, Edit, Search.

- **CRUD Operations:**

Created the webpage that will help to create Data, Read Data, Update Data, Delete data. These operations can be performed in this webpage. This page is linked with the MySQL data base that helps the data to store in the orderly manner for easily accessible of data. The framework used in this project flask that we used to connect the python code to the html and CSS.

- **MultiPDF Chat app:**

The MultiPDF Chat App is a Python application that allows to chat with multiple PDF documents. we can ask questions about the PDFs using natural language, and the application will provide relevant responses based on the content of the documents. This app utilizes a language model to generate accurate answers to your queries.

- **Web Scrapping and Exploratory data Analysis on IMDB reviews on Hindi movies:**

We had Scrapped the data from the website IMDB using the python package (beautiful soup). And Performed Exploratory data analysis on the dataset like Univariate, Bivariate and Multivariate Analysis. Had observed that the viewers are mostly watching comedy genre movies in Hindi.

## ACHIEVEMENTS

- Attended an IEEE ZONAL STUDENT CONGRESS in 2020.

## ACCOMPLISHMENTS

- Completed internship in vizag steel plant (RINL) in telecom department.
- Attended various workshops like Android app development, Internet of Things.
- Completed course on Data analysis from Innomatics research labs (Hyderabad).

## LANGUAGES

English

Hindi

Telugu

## DECLARATION

I hereby declare that the information furnished above is true to the best of my Knowledge and belief.

(P. Pavan Teja)