Nalla Vedavathi

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I am an optimistic person and am always prepared to put in the effort in any circumstance. I am passionate about pursuing a challenging and fulfilling career with a legitimate company that acknowledges my true potential while enhancing my analytical as well as technical expertise.

Education

VELLORE INSTITUTE OF TECHNOLOGY *2019 - pursuing (2024)*
Integrated M.Tech CSE (Business Analytics) | CGPA - 9.13

SRI CHAITHANYA JUNIOR COLLEGE *2017 - 2019*
Senior Secondary - MPC | 96.7%

KRISHNAVENI HIGH SCHOOL *2016 - 2017*
SSC | GPA - 9.3

Skills

- **Languages** - Python, SQL, JAVA, C/C++, R, HTML, CSS
- **Tools** - Tableau, PowerBI, Jupyter, Excel
- **Frameworks** - Scikit, NLTK, SpaCy, TensorFlow, keras, Tkinter
- **Soft Skills** - Problem Solving,Candid, Quick Learner,Decision Making, Initiative Driven, Communication skills

Projects

DESKTOP PERSONAL ASSISTANT

- Provided analog user input is converted to text, then analyzes and maps the input to a particular function.
- Technologies used : Jupyter - Python - Tkinter, NLTK, pyttsx3.

MY PORTFOLIO

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript to showcase my skills, experience, and projects.

ROAD SIGN RECOGNITION USING NEURAL NETWORKS

- I have developed a comprehensive approach that effectively detects and recognizes traffic signs by employing techniques for image preprocessing, as well as employing methods for sign detection, recognition, and categorization.
- Technologies used : Python, TensorFlow, Image Processing, Deep Learning, Convolutional Neural Network

STUDENT PERFORMANCE PREDICTION

- Student Performance Prediction is an Machine Learning Project which predicts Students performance based on the data given.
- Technologies used : Python, Machine Learning, Git, CI/CD Pipeline, Streamlit, PowerBI, SQL

MUSIC GENRE CLASSIFICATION

- Music audio is converted to a spectrogram, which is then fine-tuned using a combinational approach, and a classification model is trained to predict the genre label.
- Technologies used : Google Colab - Python - Deep Learning, Keras, Librosa, Matplotlib

BOOK MY SHOW SCRAPPER

- Taking movie name and city name as input from UI it will fetch the theater name and show details which are available in the theater and total gross collection of the theater and total booked gross of each show.
- Technologies used : Python,Matplotlib, HTML,CSS,Web Scrapping, Flask

Experience

- **Intern at the Sparks Foundation**
  Domain: Data Science and Business Analytics | Duration - March23 - April23

Achievements

- **Finalist of the NeoCodeathon | Feb 2023**
- **Certification in Data Science Foundation using R offered by 360DigiTMG | Apr20**
- **Certification in C language | June 2019**
- **Abacus in District Level Competition | Feb 2014**

Position of Responsibility

- **Director of Events and Finance | Uddeshya of VIT | 2022-23(current)**
- **Member | Game Development Club of VIT | 2021-22**