Venkata Sravya Alapati

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Education

- 2021 - Present: **B.Tech in Computer Science and Engineering**, SRM University **CGPA: 8.81/10**
  Courses: Data Structures, Operating Systems, Computer Networks, Software Engineering, Design and Analysis of Algorithms, Computer Architecture, Object Oriented Programming.
- 2021: **Class 12th**, BIEAP Board **947/1000**
- 2019: **Class 10th**, BSEAP Board **10/10**

Skills

Programming Languages:	Python,C,C++,Java,HTML,CSS,Java Script
Databases:	MySQL,MongoDB Atlas
Version Control/Development Tools:	Git, GitHub
Soft Skills:	Problem Solving, Communication Skills, Researching
Data Science , Machine Learning:	Classification and Clustering Algorithms

Projects

- **Spam Review Detection** GitHub
  - Developed an advanced model using BERT and BiLSTM on the Amazon Toys dataset to identify fake and genuine reviews, achieving 90.5 percent accuracy.
  - Conducted extensive data preprocessing and feature engineering to optimize model performance.
  - Demonstrated strong skills in deep learning and teamwork, contributing to enhancing the reliability of online reviews.
- **Shared Wheels : Car Pooling Website** GitHub
  - Developed "Shared Wheels," a carpooling website designed to connect commuters for affordable and eco-friendly rides.
  - The platform prioritizes user security by not using Google Maps or online transactions,ensuring privacy and protecting user data.
  - The website offers easy ride-booking and route matching features without relying on third-party services, creating a safe and simple user experience.
- **Voice Assistant** GitHub
  - Developed a robust voice assistant in Python using libraries like Speech Recognition for capturing speech, pyttsx3 for text-to-speech conversion, and NLTK for natural language processing.
  - Implemented functionality for web searches, opening webpages, and performing system operations like shutdown, ensuring a seamless user experience.
  - This project highlighted my expertise in Python development, speech recognition, and showcasing my ability to create interactive applications..
- **Temperature Converter** GitHub
  - Developed a temperature conversion application using Java with a graphical user interface (GUI) that allows users to input temperature values and convert between Celsius and Fahrenheit
  - The application as designed with a user-friendly interface, mimicking the structure of HTML forms using Java Swing components.

Certifications

- **Data Analysis Using Python** *(APSSDC)*
- **Python with Data Science** *(LERNX)*

Internship Experience

- **Data Analysis Intern** *Link* **APSSDC, June 2023 - Sep 2023**
  - During my internship at APSSDC,I Developed a recommendation system using a Kaggle dataset to assist users in finding cars based on specifications and budget.
  - Conducted exploratory data analysis (EDA) to uncover data patterns and performed basic data visualizations to compare car features and pricing, offering insights for user decision-making