Jupally Yashwanth Rao

📞 9989977771 ✉ jyr8803@gmail.com in linkedin.com/in/Jupally Yashwanth Rao ⌗ github.com/metoo8803

Education

Sreenidhi Institute of Science and Technology   2021 - Present
B.Tech in Computer Science and Engineering
Sri Chaitanya Junior College   2019-2021
Class XII - 95.4%
Sanghamitra School   2019
Class X - 87.8%

Experience

Jr Data Scientist (Prahas Technologies Pvt. Ltd.)

- Collected, curated, and annotated a custom dataset for training the TTS model.

- Applied noise reduction and data pre processing techniques to improve data quality.

- Gained understanding of Automation and ETL operations

Freelance Independent Contractor (Chegg India)

- Worked as a Subject Matter Expert at Chegg India, providing accurate academic solutions to student queries in Chemistry

Projects

Interview Simulator

- Developed an AI-driven interview simulator to standardize and enhance the recruitment process, ensuring objectivity and scalability.

- Fine-tuned a Llama language model using LoRA, enabling intelligent, context-aware AI-driven responses.

- Integrated Google Cloud Speech-to-Text for accurate speech recognition and Web Speech API for real-time text-to-speech synthesis.

- Trained the AI model on a curated dataset of interview Q/A, optimizing it for domain-specific interactions.

House Price Prediction

- Developed a web application using Python Flask for predictive modeling in real estate.

- Incorporated a machine learning model with Pandas and Scikit-learn for price estimation.

- Designed an easy-to-use interface for property detail input.

Skills

Languages and Databases: C++, Java, SQL, DBMS,Excel
Soft Skills: Organizational, Communication, and Time management skills

Certifications

Smart Interviews Smart Coder
Pearson MePro Level 9 Proficient
Google Ads Search Certification