



Jupally Yashwanth Rao

Email: jyr8803@gmail.com

Mobile: 9989977771

CGPA: 7.24

Experience

• Data Analytics Virtual Internship (By AWS Academy)

- Explored and analyzed Amazon S3 data structures, types, relationships, and potential issues.
- Developed effective SQL queries, selecting columns, using functions, and optimizing performance.
- Designed database schema, deciding on data types, indexing, and partitioning for performance and storage efficiency.
- Optimized queries for large datasets, understanding partitioning and compression impacts on performance and cost.
- Debugged SQL queries, identified and resolved errors, and handled common troubleshooting challenges.

• AI-ML Virtual Internship (By Google)

- Developed neural networks and CNNs using TensorFlow for image recognition and classification tasks.
- Integrated pretrained object detectors into mobile applications and trained custom models with TensorFlow Lite.
- Built product image search features for mobile apps, incorporating backend systems for enhanced search capabilities.
- Created and implemented custom image classification models, optimizing them for mobile application use.
- Focused on practical machine learning solutions for mobile apps using TensorFlow and TensorFlow Lite, enhancing real-world applications.

• Freelance Independent Contractor, Chegg India Pvt Ltd.

- Collaborated with Chegg Pvt Ltd as a freelance independent contractor.
- Delivered accurate and timely solutions to chemistry questions for Chegg subscribers, leveraging expertise in the subject to support student learning effectively.

Projects

- **Real Estate Price Prediction Web App**

- Developed a real estate price prediction web app using Python Flask.
- Integrated a machine learning model trained on real estate data to estimate property prices based on user input.
- Implemented data preprocessing to handle missing values and categorical data.
- User-friendly interface allows users to input property details such as bedrooms, bathrooms, size, and ZIP code.
- Technologies used include Python, Flask, Pandas, Scikit-learn, HTML/CSS, and Pickle for model serialization.

- **Portfolio Website**

- Developed a responsive and visually appealing portfolio website to showcase my skills, projects, and professional experience as a Full Stack Developer.
- The website features a clean, modern design optimized for both desktop and mobile devices, using HTML, CSS, and JavaScript.

Certifications & Involvement

- **Smart Interviews Smart Coder** by Smart Interviews (Nov 2023 - April 2024)
- **Pearson MePro Level 9 Proficient** by Pearson (Dec 2021 - Sept 2022)
- **Volunteer at ISTE Club**, Sreenidhi Institute of Science and Technology (Nov 2022 - April 2023)

Academic Details

- **Sreenidhi Institute of Science and Technology** - Bachelor of Technology in Computer Science and Engineering (2021 - Present)
- **Sri Chaitanya Junior College** - Class XII (2021)
- **Sanghamitra School** - Class X (2019)