SURENDRA REDDY GANDRA

Hyderabad | 9121758435 | gsrgsreddy3@gmail.com| LinkedIn

Enthusiastic and motivated recent graduate with a foundational knowledge in programming and database management, seeking to kickstart my career by contributing to a dynamic team. Eager to apply my skills in a collaborative environment while continuously learning and adapting to meet organizational goals.

PROJECTS

Gesture Driven Presentation   2024

- Developed an innovative gesture-based system using Python, OpenCV, and Mediapipe for real-time interactive presentation control.
- Achieved significant improvements in user interaction efficiency and received high satisfaction rates in usability assessments.
- **Tech Stack used:** Python, OpenCV for Hand Tracking, Mediapipe for gesture recognition.

Handwritten Digit Recognition Using CNN   2024

- Designed and implemented a Convolutional Neural Network (CNN) model for handwritten digit recognition with high accuracy.
- Utilized Python, TensorFlow, Keras, NumPy, and Matplotlib to develop the model, which effectively learned from the dataset and improved over time.
- **Tech Stack used:** Python, TensorFlow, Keras, NumPy, Matplotlib.

EDUCATION

- **S.R.K Institute of Technology**   2020 - 2024
  Bachelor of Technology – Computer Science and Engineering (AI&ML) | CGPA – 7.82

- **Sri Chaitanya Junior College**   2018 - 2020
  Intermediate – MPC | CGPA – 8.53

- **Global High school**   2017 - 2018
  SSC | CGPA – 9.8

SKILLS SUMMARY

- **Programming Languages :** Python, SQL
- **Web Technologies**   : HTML, CSS, Flask
- **Database Management**   : SQL, NOSQL, DynamoDB,
- **Specialized Skills**   : Machine Learning, Deep Learning
- **Tools & Libraries**   : OpenCV, Postman, MediaPipe
- **Soft Skills**   : Problem-Solving, Communication, Continuous Learning
- **Software Development Methodologies :** Agile, Waterfall

CERTIFICATIONS

- Agile Job Simulation - JPMorgan Chase & Co. (Forage), 2024
- Communication Skills - TCS ION – 2024
- Programming Essentials in Python – Cisco, 2023

INTERNSHIPS

Machine Learning Intern – DataValley Pvt.Ltd.   2024

- Implemented computer vision techniques for accurate hand detection and gesture recognition, enhancing the responsiveness of the Air Canvas application.
- Utilized Python, OpenCV, and NumPy to build and refine the Air Canvas project, focusing on performance and user experience.
- Collaborated with the team to integrate additional features like color selection and tool size adjustment, controlled through specific hand gestures.