

# MUDIREDDY SANDEEP REDDY

Hyderabad ♦ Telangana, India

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## SUMMARY

Machine Learning Engineer with hands-on experience in Deep Reinforcement Learning and Computer Vision. Skilled in developing, training, and optimizing models for real-world applications. Experienced in autonomous systems and voice synthesis.

## EDUCATION

**B.Tech in Artificial Intelligence & Machine Learning** 2022 – Present  
Kommuri Pratap Reddy Institute of Technology  
CGPA: 6.5

## SKILLS

**Languages:** Python, SQL

**Machine Learning:** PyTorch, TensorFlow, Keras, scikit-learn, OpenCV, NumPy, pandas

**Tools & Platforms:** Git, GitHub, Google Colab, VS Code

## PROJECTS

**House Rental Application (using Django Framework)** Apr 2022 - May 2023 Description Developed a House Rental Application using Django Framework with intuitive search functionalities, secure payments, and streamlined communication between landlords and tenants.

**Sentiment Analysis using ML Model (Integrated with Android Studio)** Mar 2023 - May 2023 Description Created a sentiment analysis ML model and integrated it into an Android application, allowing real-time sentiment evaluation of user-provided text data.

**Chat box(Using Operating Systems)** Nov 2023 - Dec 2024 Description This project involves the intricate Operating Systems ,This chat box delivers unparalleled reliability and efficiency. Seamlessly handling user interactions, it ensures smooth communication channels and swift responses, enhancing overall user Satisfaction

**Recipe App(Using Advance java)** Dec 2023 - Feb 2024 Description Experience culinary delight with our Recipe App, meticulously crafted with Advanced Java techniques. Explore a vast database of recipes, enjoy intuitive user interfaces, and unleash your culinary creativity with ease and efficiency

**Voice-to-Voice Conversion using ML Algorithms (Google Colab)** May 2024 - July 2024 Description Implemented a voice conversion model to convert voice samples using ML algorithms in Google Colab, resulting in high-accuracy voice synthesis for different input voice types.

## LEADERSHIP EXPERIENCE

**Logistics Lead** 2023 – Present  
*Synapse Tech Club, KPRIT*

Managed task allocation and monitored deliverables for a **5-person content team**, actively supporting event organising during high-pressure **technical and cultural events**, contributing to **smooth execution of 6+ college fests**.