



# Mallipeddy Sai Sireesha

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Motivated B.Tech graduate in Artificial Intelligence and Data Science with expertise in machine learning and software engineering. Passionate about leveraging AI for real-world challenges and eager to contribute to innovation and technology enhancement.

## EDUCATION

### B.Tech

KL University

09/2021 - 05/2025

CGPA: 9.43

#### Courses

- Artificial Intelligence and Data Science

### Intermediate(MPC)

Sri Chaitanya Junior college

Percentage: 96.6%

### SSC

Sri Chaitanya School

CGPA: 9.7

## PERSONAL PROJECTS

### Smart IVR System with Sentiment Analysis and Escalation Mechanism

- Implemented an Interactive Voice Response (IVR) system designed to analyze customer emotions in real-time. The system uses advanced speech recognition, sentiment analysis, and text-to-speech to enhance customer interactions. The system detects emotions in real-time, generates empathetic responses, and escalates negative sentiments to agents. Integrated fuzzy matching for accurate query handling and ensured modularity for scalability and real-time performance.
- **Key Learnings:** Speech Recognition and Processing, Sentiment Analysis, Text-to-Speech Integration

### Movie Recommendation System

- Built a content-based movie recommender system, implemented as a Streamlit web application, utilizing cosine similarity to suggest movies based on features like genre, cast, and plot. Enabled real-time, personalized recommendations with efficient data preprocessing and an intuitive interface.
- **Key Learnings:** Recommendation algorithms, web app development.

## INTERNSHIPS

### AI-ML Virtual Internship

Organization: AICTE, EduSkills Organization

*This experience allowed me to apply theoretical knowledge to real-world scenarios, enhancing my problem-solving skills.*

### Training on Machine Learning Internshala

*This 6-week online training program honed my skills in AI and data science principles, demonstrating my commitment to continuous learning.*

## SKILLS

Technical Skills : SQL	Artificial Intelligence
Generative AI	Python, Java(Basics)
Machine Learning	Deep Learning
Soft Skills : Adaptability	Interpersonal skills
Teamwork	

## ACHIEVEMENTS

Engaged in coding challenges on platforms such as HackerRank, CodeChef, HackerEarth, and Leetcode. Earned Python (Basic) Certification from HackerRank. Completed a 6-week online training in Machine Learning with Internshala, showcasing expertise in AI and data science principles and a dedication to ongoing learning and skill enhancement.

## CERTIFICATES

- Certified Associate in Python Programming certification
- AWS Academy Machine Learning Foundations
- Certified in Business English Certificate (BEC)
- TensorFlow Developer Certificate
- IBM Python
- Salesforce AI Associate

## LANGUAGES

Telugu  
Full Professional Proficiency

Hindi  
Professional Working Proficiency

English  
Full Professional Proficiency

## INTERESTS

Passion for Innovation and Technology