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## Skills

### Technical skills

- Python programming
- Core Java and SQL
- Machine learning
- Natural language processing

### Soft skills

- Analytical skills
- Team collaboration
- Problem solving
- Effective communication
- Adaptability

## Education

05/2025

### B.Tech.:

CSE - AIML

### GITAM University

Hyderabad

GPA: 7.97

04/2021

### Intermediate:

### Narayana Junior College

Telangana

Percentage : 94.6

04/2019

### Secondary School Of Education:

### Green Grove High School

Telangana

GPA: 9.8

## Websites, Portfolios, Profiles

- [www.linkedin.com/in/sathwik-muppa/](http://www.linkedin.com/in/sathwik-muppa/)

## Certifications

- Microsoft Azure AI Essentials (LinkedIn Learning), April 2025
- Python(core and advanced)

# Sathwik Reddy Muppa

## Summary

B.Tech. CSE student with specialization in AI and ML, proficient in Python and various AI tools. Certified in Azure AI essentials and Python, with practical experience in predictive modeling, text analysis, and chatbot development. Aiming to leverage technical skills and problem-solving capabilities in a challenging environment.

## Experience

### Prodigy Infotech - Artificial Intelligence Intern

05/2024 - 06/2024

- Developed a chatbot using NLP techniques to understand and respond to user input.
- Collected and preprocessed datasets of sample conversations.
- Designed a user interface for interaction, and integrated learning mechanisms for continuous improvement.
- Implemented core NLP components such as tokenization, lemmatization, and named entity recognition, using libraries like NLTK and spaCy.
- Evaluated chatbot performance using metrics like accuracy and F1-score, and fine-tuned parameters for better output.

## Projects

### IPL match winner prediction using machine learning

Predicted IPL match outcomes using machine learning models trained on historical match data, player statistics, and team performance metrics, focused on feature engineering, data pre-processing, and model optimization to enhance predictive accuracy

### Image classification using deep learning models

Classified images of flying objects (fighter jets, passenger planes, rockets) using deep learning models like VGG16, InceptionV3, and MobileNetV2, applied data augmentation, and model fine-tuning to improve accuracy and generalization

### Capstone project: Netflix recommendation system using Apriori algorithm

12/2024 - 03/2025

Developed a recommendation system that suggests movies by mining user viewing patterns with the Apriori algorithm, focused on extracting frequent item sets and generating association rules using Python

## Activities And Honors

- Disha Club team member, GITAM (2022 - 2025)
- Participate in a 24-hour hackathon at the college
- Participated in a kabaddi championship at the district level