

# SADDALA JAGAN MOHAN REDDY



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[Github](#)

Karnataka, India

[Leetcode](#)



## OBJECTIVE

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Aspiring Software Engineer with strong fundamentals in programming and problem-solving, seeking an entry-level role to contribute to innovative software solutions.

## EDUCATION

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### Alliance University

karnataka,India

#### ❖ B.Tech in Computer Science and Engineering with AIML | CGPA:7.3

Expected 2026

Courses: Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Database Management Systems, Operating Systems, Computer Networks.

### Sri Satya Sai College

Andhra Pradesh, India

#### ❖ Intermediate(12th) | Percentage:97.16%

2020-2022

Courses: Mathematics, Physics, Chemistry.

## SKILLS

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Technical Skills: Python, Java.

Web Technologies: HTML, CSS.

Database Technologies: Mysql.

Tools/Platforms: Git, GitHub, VS code.

AI/ML Tools & Libraries: NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch.

## CERTIFICATES

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### 1. [SQL Foundations by Microsoft](#)

## PROJECTS

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### 1. Sentiment Analysis on Text Data:

Built a text sentiment analysis system using Python, NLP, and machine learning to classify text as positive, negative, or neutral. Preprocessed raw text, trained models on labeled datasets.

### 2. AI Medical Chatbot (No API Key):

Developed a fully local AI chatbot that answers medical questions using uploaded PDFs as its knowledge base, designed for offline use, privacy, and accurate context-aware responses for academic purposes.

### 3. Underwater Pipeline Fault Detection Using Image Analysis:

Developed an automated image analysis system to detect and classify faults in underwater pipelines, improving inspection efficiency and reducing manual effort.

## ACHIVEMENTS

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- Successfully completed the Summer Bootcamp at Alliance University, gaining hands-on experience in real-world projects and industry-relevant technologies.
- Solved 100+ problems on LeetCode, strengthening algorithms, data structures, and problem-solving skills.
- Collaborated with peers on academic and technical projects, demonstrating teamwork and leadership skills.