

# SAI SOORYA MARRI

Hyderabad, India

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## EDUCATION

### Keshav Memorial Institute of Technology

B.Tech In Computer Science And Engineering **CGPA-8.7/10**

Dec. 2021 – 2025

Hyderabad, India

### FIITJEE JUNIOR COLLEGE

Intermediate Maths, Physics, Chemistry **Percentage- 96**

March. 2019 – August 2021

Hyderabad, India

### FIITJEE WORLD SCHOOL

**CGPA -9.7/10**

May 2017 – March 2019

Hyderabad, India

## RELEVANT COURSEWORK

- Data Structures and Algorithms
- OOPs
- Machine Learning
- Database Management Systems
- Operating Systems
- Computer Networks

## TECHNICAL SKILLS

Languages: C, C++, Java, Python.

Development Skills: MERN Stack, ML, Deep Learning, Langchain, RAG, FastAPI

Skills Familiar: MCP, AutoGen, SQL, Generative Artificial Intelligence, System Designing, AWS.

## EXPERIENCE

### ECIL (Electronics Corporation of India Limited) [Link](#)

May 13 – June 13, 2024

Web Developer Intern

On Site

- Developed an Interactive Web Interface for the project **Classroom Warfare Simulator**, an advanced web-based application designed specifically for warfare classroom training purposes providing simulation of the warfare.

### Open Source Experience

May 2023

Student Software Developer

Remote

- Contributed in Fixing Responsiveness of the **Chrome** Policy page.
- All my Pull Requests got accepted in **Hacktoberfest 2023** [Link](#)

## PROJECTS

### Multi-Organ Segmentation [Video](#) | [Link](#) | Python, TensorFlow, PyTorch, OpenCv, Flutter **Sept. 2023 – Jan 2024**

- Implemented a model UNETR-2D using Vision Transformer as encoder and CNN up-sampler as decoder to segment the organs from the input CT scan image through Deep learning. Worked on this project with a team of 6 members.
- Developed a mobile application prototype for users' efficient usage by giving the input CT scan and getting organ-segmented results (Generative Artificial Intelligence).

### Lost and Found [Video](#) | [Link](#) | MERN, HTML/CSS, JavaScript

Nov. 2024– Dec. 2024

- Our team, consisting of five members, has successfully created a Web Application using the MERN stack. Presenting you the Lost and Found.
- Implemented key features like user authentication, item search, posting items, and contact/report submission to ensure secure and efficient interactions..

### Agent and QA bot [Video](#) | [Link](#) | Langchain, FastAPI, Streamlit, RAG, Agent AI

May. 2025 – June. 2025

- This project comprises two AI-powered chatbots built with Streamlit and FastAPI, leveraging the Groq API and using LLaMA-3.3-70B model.
- The AI Agent Search employs a ReAct AI agent to answer general queries using DuckDuckGo, Wikipedia, and Arxiv tools, streaming responses in real-time.
- The PDF Q and A Chatbot processes uploaded PDFs for context-aware question-answering via a RAG pipeline with Chroma as vector store and HuggingFace embeddings.

## EXTRACURRICULAR

### Vachan Speaking Club

2023

Speaker

- \* I lit up the stage as an **Anchor** of a Speaking club event prior to college cultural event (KMIT Evening) of 700 members audience and hosted the event. The event name is Talk till you drop event , basically contestant becomes a rapper! It was Fun !