Sai Soorya Marri

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EDUCATION

Keshav Memorial Institute of Technology   **Dec. 2021 – 2025**
B.Tech In Computer Science And Engineering **CGPA-8.7/10**   *Hyderabad, India*

FIITJEE JUNIOR COLLEGE   **March. 2019 – August 2021**
Intermediate Maths, Physics, Chemistry **Percentage- 96**   *Hyderabad, India*

FIITJEE WORLD SCHOOL   **May 2017 – March 2019**
CGPA -9.7/10   *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: **ReactJS**, MongoDB, Express, NodeJS, **FastAPI**
AI Skills: Machine Learning, Deep Learning, **Langchain**, RAG, **Agentic AI**
Skills Familiar: **MCP**, AutoGen, SQL, Generative Artificial Intelligence, **System Design**, **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 ⬀

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 | *MongoDB, Express, ReactJS, NodeJS*   **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, Agentic 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 !