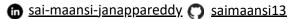
Sai Maansi Janappareddy

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	EDUCATION————		
Tech Leaders Fellowship	Plaksha University	8.27/10.0	2024
B.Tech in Computer Science and Engineering	Joginpally B.R Engineering	6.98/10.0	2019-2023
	College, JNTU-H, Hyderabad		

-INTERNSHIP-

Intern at NbliK

Jul 2022 - Sep 2022

Managed social media communities to enhance brand awareness and engagement. Collaborated with the marketing team to analyze social media metrics to identify trends, enabling data-driven strategies to enhance community engagement and expand the company's online presence.

– PROJECTS –

Capstone: Drone-Based Geospatial ML for Crop Health and Yield Assessment

April 2024 - May 2024

Developing a system that utilizes drone-captured imagery for crop health assessment and yield prediction, integrating both supervised and unsupervised machine learning techniques to enhance decision-making for farmers and sugar mills.

Entrepreneurial Challenge Lab: UniVerse *April 2024*

Collaborated on the ideation and prototyping of UniVerse, a platform for nationwide event access, community connectivity, and resource optimization, achieving 3rd place in the 6-week challenge lab.

Travel Guide Chatbot

Feb 2024

Utilized GPT-3.5 and OpenAI embeddings for a conversational chatbot, featuring an interactive interface with Gradio. Leveraged FAISS vector similarity search on a custom knowledge base from travel websites to retrieve and recommend NZ tourism information.

Dynamic Low-Light Image Enhancement

Feb 2024

Constructed CNN-based denoising model and used Computer Vision preprocessing techniques for enhanced image visibility and quality, evaluated performance on new data.

Real-time Customer Sentiment Analysis

Feb 2023 - Jul 2023

Developed a machine learning-driven text classification system for real-time customer sentiment analysis, generating actionable insights to proactively improve customer satisfaction.

IoT-powered COVID-19 Health Monitoring System May 2022 - Sep 2022

COVID-19 patients, facilitating early intervention and

Developed an Arduino-based IoT health monitoring system for remote, real-time vital sign tracking of

improved healthcare outcomes.

-SKILLS —

• Languages & Tools: Python, MySQL, Github, Figma

Frameworks & Libraries: NumPy, SciPy, Pandas, Scikit-learn, TensorFlow, Matplotlib, Seaborn, PyTorch, Keras,

Statsmodels, OpenCV, HuggingFace

ACTIVITIES & LEADERSHIP

- Led university basketball team to 15+ state tournaments, fostering teamwork and executing critical plays as team captain.
- Managed club activities and impactful community service initiatives as Sergeant at Arms for Rotaract Club of Hyderabad.
- Directed coordination of university sports fest for 3 years, managing logistics for 300+ participants.