Sai Maansi Janappareddy

+91 9985968709•sai.j.tlp23@plaksha.edu.in

 sai-maansi-janappareddy saimaansi13

PLAKSHA UNIVERSITY

EDUCATION

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

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

Developed an Arduino-based IoT health monitoring system for remote, real-time vital sign tracking of COVID-19 patients, facilitating early intervention and 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**.