



KASU SANTHOSHINI

My Contact

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Hard Skill

- Front-end Web Development (HTML,CSS,Bootstrap)
- Java Programming Language
- Machine Learning(Intermediate)
- MySQL, PHP(Basics)
- Microsoft Office Suite
- DevOps(GitHub,Docker Hub)
- Generative AI Utilization

Education Background

- **MVSR Engineering College, Hyderabad**
Bachelor of Engineering(UG)
Score - 9.72(CGPA)
Completing by 2025
- **Sri Chaitanya Junior College, Hyderabad**
Intermediate
Score - 97.4%
Completed in 2021
- **Zee High School, Hyderabad**
Schooling
Score - 93%
Completed in 2019

Internships

- Google AI-ML Internship 2024 (AICTE EduSkill - Cohort 7)
- AWS Academy Graduate - AWS Academy Cloud Foundations and Machine Learning Foundations (AICTE EduSkill - Cohort 6)
- Cisco AICTE Virtual Internship Program 2023

About Me

I am a highly motivated and dedicated student with strong analytical and organizational skills, demonstrating consistent academic success and active participation in co-curricular activities. I am a well-rounded individual with a proven ability to work effectively in teams and build strong social connections. My ability to adapt to new challenges and my commitment to continuous learning make me a valuable asset in any environment. Additionally, I possess excellent communication skills, enabling me to articulate ideas clearly and collaborate efficiently with diverse groups. I am passionate about applying my knowledge and skills to contribute meaningfully to team objectives and personal growth.

Projects

1. APMC Market Portal (May-Jun 2024)

This project is a web application with role-based access for Admin, Manager, and Agent roles. Agents update groundnut details, Managers review and approve or deny entries, and Admins set prices for auction.

Technology: The project was implemented using HTML, CSS, PHP, MySQL, and Bootstrap to create a responsive and user-friendly interface.

2. PulmoDx -A Lung Disease Detection using X-ray (Apr-Jun 2024)

In this project, a deep learning model is used for detecting lung diseases, including tuberculosis, pneumonia, coronavirus, and normal lung conditions, achieving an accuracy of 87%.

Technology: The project leveraged DenseNet201 for image processing, using X-ray images as the dataset, and was implemented with HTML, CSS, and Flask for the web interface.

3. Image analytics for Tree Enumeration for diversion of Forest Land SIH PS-1316(Oct-Dec 2023)

This project is a machine learning project that estimates the number of trees in satellite images or selected areas.

Technology: Utilized DeepForest for object detection in remote sensing images, such as satellite images, with annotated satellite images as the dataset. Implemented the project using HTML, CSS, and Flask for the web interface.

4. Malicious URL detection (Oct 2023-Jan 2024)

A machine learning project that detects phishing, defacement, benign & malware URLs.

Technology: Compared XGBoost, LightGBM, and Random Forest models, with Random Forest achieving the best performance. Used HTML, CSS, and Flask for the web interface.

5. Ministration (Nov 2022-Jan 2023)

A web development project for apartment assistance and service management.

Technology: Google Sites

Achievements

- **Winner in Project Expo(AI/ML for Healthcare & Academia) 2024**
- **Smart India Hackathon(SIH) 2023 Finalists - Team Leader**
- **ACADEMIC EXCELLENCE CBSE AISSE 2018-2019** - Won the award for excellence in academics throughout the year on 17/08/2019.
- **ZENITH SCIENCE FAIR 2014** - Won the award for the best innovative idea for a project on 09/11/2014.