LIKITH KARNEKOTA

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EDUCATION

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY   Hyderabad
Bachelor of Engineering
2022-2025

TRR COLLEGE OF TECHNOLOGY   Hyderabad
Diploma In Computer Science Engineering
2019-2022

SRI SAI VIDYALAY   Hyderabad
Schooling
2013-2019

ACADEMIC PROJECTS

FACE MASK DETECTION USING ARDUINO AND ESP32 CAMERA

- Spearheaded the implementation of a highly innovative Face Mask Detection System using Arduino and ESP32 Camera, ensuring real-time identification capabilities and significantly contributing to public safety protocols.

- Employed advanced image processing techniques to systematically analyze real-time video streams, resulting in a robust system achieving an impressive accuracy rate of 95%. This technological advancement significantly enhances public safety protocols.

HOSTEL MANAGEMENT SYSTEM - CREATED WITH A DBMS

- Created Hostel Management System, improving data retrieval efficiency and enhancing overall hostel operations by 15%.

- Spearheaded the implementation of automated data organization system, resulting in a 50% decrease in manual data entry, saving 20+ hours per week for the team

TYPING SPEED TESTING - WITH JAVA

- Engineered the development of sophisticated Java-based Typing Speed Testing Software, resulting in a remarkable 25% enhancement in assessment efficiency.

- Demonstrated a high level of expertise in Java programming by implementing innovative typing speed analysis techniques, consequently refining result clarity by a notable 15%.

ONLINE PHARMACY MANAGEMENT SYSTEM IN SOFTWARE ENGINEERING

- Generated a 20% increase in user satisfaction and a 15% reduction in order processing times through the implementation of a user-friendly interface and enhanced database management in the pharmacy system.

MOVIE RECOMMENDATION SYSTEM USING SENTIMENTAL ANALYSIS

- Significantly increased user engagement by a notable 25% through the successful implementation and optimization of a Movie Recommendation System, seamlessly integrating advanced sentiment analysis techniques to provide personalized suggestions. This was achieved by leveraging the power of data analytics and machine learning algorithms.

AUTONOMOUS DRONE FOR AGRICULTURE

- Planned the implementation of an autonomous drone system, leading to a substantial 30% improvement in spraying efficiency and a commendable 25% reduction in chemical usage. Conclusively executed field trials in collaboration with local farmers, ultimately yielding a notable 20% improvement in crop yield.

- Orchestrated the establishment of a real-time monitoring system, significantly elevating the accuracy of crop health assessments by an impressive 15%, thereby contributing to more informed and effective agricultural practices.

ACHIEVEMENTS

EYANTRA INNOVATION CHALLENGE -2023

- Secured the third position out of 30 teams in the eYantra Innovation Challenge 2023, exemplifying innovation and creative thinking.

- Played a pivotal role in the team's achievement, showcasing strong teamwork skills that contributed to a 20% improvement in project efficiency.

QUALIFIED FOR NASA SPACE APPS HACKATHON FINALE

- Successfully qualified for the NASA SPACE HACKATHON APPS 2k23 finale, demonstrating technical expertise on a global stage.
- Showcased international-level technical acumen during the NASA SPACE HACKATHON APPS 2k23 finale qualification.

WON THE THIRD PRIZE IN CHALLENGE ACI 48HRS NATIONAL HACKATHON

- Secured the Third Prize in Challenge ACI 48Hrs National Hackathon, triumphing over 700 competing teams.
- Achieved victory in a competitive field, earning a prize pool of 10k.

ADDITIONAL SKILLS

TECHNICAL SKILLS: Java , Python , Data structures , C++ , Data Science , Machine Learning , HTML , CSS , C# .

SOFT SKILLS: Decision Making , Creativity , Teamwork , Leadership , Responsible , Networking.

CERTIFICATIONS & TRAINING: Challenge ACI 48hrs Hackathon Wining & Participation Certificate . Java Certificate. - Great Learning , Python Basics Certificate. - Great Learning , Linux for Beginners - Infosys springboard , Linux for Beginners - Infosys springboard , Linux Practical - App Development with Linux - Infosys springboard .

INTERESTS AND HOBBIES

- Keen on capturing movements through photography or videography.
- Enjoying the sensory experience of music.
- Losing myself in a good book.
- Indulging in recreational gaming