Pranav Gaddi

Hyderabad, Telangana | P: +91 7799461894 | pranavgaddi03@gmail.com

EDUCATION

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY   Hyderabad
Bachelor of Engineering   Expected 05/2025
Cumulative GPA: 8.5/10.0
Relevant Coursework: Data Analysis; Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

EXPERIENCE

BHARAT INTERN   Hyderabad
App Development Intern   Sep2023 – Oct 2023
A one month virtual internship under the field of app development

ACHIEVEMENTS

- 1st Place in Pitching Powerhouse Ideathon event
- 1st place in Innovation Spark Competition conducted by CSI-VNRVJIET
- Codechef Div 2 coder (1601 rated)
- Took part in the hackathon organized by ACM VNRVJIET and another hosted by KRITHOMEDHA.
- Solved over 500 programming questions on various coding platforms such as LeetCode , Hackerrank , Codechef.

PROJECTS

LOAN APPROVAL PREDICTION   12/2023

- Developed a machine learning powered loan prediction system using Python and Flask which uses a regression model which considers 8 different parameters and 576 rows to assess loan approval likelihood based on user inputs.
- Optimized backend Flask services and integrated frontend HTML components, resulting in a 50% reduction in server response time and a 20% improvement in overall user experience.
- The Machine Learning Algorithm worked with an accuracy of 80.19% when we tested with a confusion matrix.

https://github.com/Enyalius6/LoanSanctionPrediction

AUTOMATIC IRRIGATION SYSTEM   10/2023

- Designed and implemented a sensor-based model connected to an Arduino board, programmed to activate when moisture levels dip below the specified threshold, showcasing proficiency in hardware integration and automation.
- Developed a Flutter application that enhances decision-making by integrating a weather API, demonstrating skills in mobile app development and data-driven functionality.

RETAIL STORE MANAGEMENT SYSTEM   10/2022

- Spearheaded the development of a comprehensive Java program utilising JDBC-Driver to seamlessly connect and interact with the MySQL Database.
- Developed and implemented state-of-the-art algorithms to optimize restocking strategies, resulting in a 40% reduction in out-of-stock incidents and a 15% increase in inventory turnover.
- Played a pivotal role in project validation by contributing various test cases, ensuring the reliability and accuracy of the system's functionalities.

📄 JAVA CP

TWITTER TRADING STRATEGY   10/2022

- Took a dataset that contained 27000 rows of stocks each having the number of Likes and comments along with its date and symbol.
- Processed the data to create optimum portfolios with over 20 different styles and analyzed returns against indices, stocks, ETFs, commodities, and currencies. Visualized results, revealing a 40% higher return than NASDAQ, 20% more than NIFTY 50, and 10% over gold annually.
- Analyzed monthly comments and likes data using PowerBI to visualize data that contained 15M posts and 3B comments, identifying trends and uncovering insights on engagement levels throughout the year, enabling strategic decision-making for marketing campaigns and content creation.

MOVIE RECOMMENDATION SYSTEM BY FACE EMOTION RECOGNITION   07/2023

- Spearheaded the development and successful implementation of an advanced Movie Recommendation System.
- Achieved a remarkable 90% accuracy in identifying and categorizing diverse emotional states, revolutionizing user experience and enabling effective targeted marketing campaigns.
- Drove a substantial 25% increase in user satisfaction following the successful implementation of the recommendation system.

ACTIVITIES

LOGO DESIGN COMPETITION   Hyderabad
Organiser for the Event   10/2023
- Gathered over 250 students and conducted an AI based logo design competition to give exposure to the students to new technology.

GAME-A-PALOOZA EVENT   Hyderabad
Volunteer for the Event   12/2023
- Volunteered for the "Game-a-palooza" event to engage with 100 juniors.

ADDITIONAL

Technical Skills:Arduino, Flask, AWS, GCP,Flutter,MySQL , DBMS,PHP
Languages: C/C++, Java, Python
Certifications & Training: Cloud Computing (Certificate by NPTEL Elite + Silver Certificate with 80%), HackerRank Intermediate (Certificate DSA),Python , SQL Hackerrank Certifications