SRIRAM KANASANI

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SUMMARY

Passionate and detail-oriented AIML student with a strong foundation in Python, data structures, and machine learning algorithms. Seeking an opportunity to apply AI concepts in real-world projects, contribute to innovative solutions, and further enhance my skills in deep learning, data analysis, and model deployment

EDUCATION

B.Tech, Artificial Intelligence and Machine Learning Graduating Graduating 2027
Anurag University, Telangana, India 8.20 GPA
School of Engineering
Relevant coursework: : Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Deep Learning, Database Management Systems, Probability and Statistics, Data Analytics

TECHNICAL SKILLS

Machine Learning / **Data Analysis:** Scikit-learn, NumPy, Pandas, Matplotlib, Jupyter Notebook
Database / **Backend:** MySQL, MongoDB, Node.js, Express.js
Programming: Python, C, C++,HTML,CSS,JavaScript
Full Stack: MEAN STACK,MERN STACK

ACADEMIC PROJECTS

Weather Dashboard (MEAN Stack) July 2025
Developed a full-stack weather application integrating OpenWeatherMap API for real-time data visualization.

- Designed RESTful backend using Node.js and Express, and interactive frontend using Angular.
- Managed database operations using MongoDB and implemented city-based weather search functionality
- Deployed the application on Render ensuring seamless API integration and responsive performance.

PetBuddy(MERN STACK) March 2025
Developed a full-stack web application designed to help pet owners browse schedule and manage a range of pet care services such as grooming veterinary appointments pet walking and boarding

- Learned to design, model and write scripts in Unity
- Got a experience on [MongoDB, Express.js, React , and Node.js]

Nutrient Deficiency Visual Detector November 2025
Developed a machine learning–based system that detects and classifies nutrient deficiencies in crop leaves (such as Nitrogen

- Designed and implemented a deep learning model using TensorFlow and CNNs to detect nutrient deficiencies in crop leaves based on color, texture, and vein patterns.
- Trained and evaluated the model on a custom agricultural dataset, achieving 90
- Enhanced system usability by adding confidence score visualization and real-time feedback for user-submitted images.

ACTIVITIES

Algorithmic Problem Solving and Competitive Programming
Consistent practice and participation on online coding platforms

- Solved problems across topics such as arrays, recursion, graphs, and dynamic programming
- Improved time and space complexity understanding through regular contests and mock interviews.
- Solved 100+ problems on LeetCode LeetCode –sriram$_{n}aidu_{k}$