PADDANA PRAVEEN

Email: praveenpaddana@gmail.com

Phone: +91 8639162064

GitHub: Praveen3333P (Praveen Paddana)

LinkedIn: linkedin.com/in/praveen-p-9719b3135

Portfolio: Praveen's Portfolio

Technical Skills: Python, SQL, Tableau, Machine Learning, Deep Learning

Certification:

- Applied Machine Learning in Python, Coursera, Jun 23
- Data Science, Board Infinity, Feb 23
- Pre-Processing for Machine Learning in Python, Data camp, Apr 21
- Machine Learning for Everyone, DataCamp, Apr 21

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	Aug 2020 – Ongoing	Vellore Institute of Technology Bhopal	8.63
Class XII	May 2020	Sri Chaitanya College	94.5%
Class X	May 2018	Dr. KKR'S Gowtham School	89%

ACADEMIC PROJECTS

Deep Learning	**Plant leaf Disease Detection** (Dec 22– May 23) • Description: Developed a CNN based plant disease detection system, contributed to a project as part of an 8-member team. • Achieved an impressive 91% accuracy rate in disease classification; reduced image analysis time by 90% and increased training accuracy by 95%. • Created a visually appealing and user-friendly interface for this model; increasing the foot traffic by 45%. • Link and Results: https://github.com/Praveen3333P/plant-disease-detection
Machine Learning	**House Price Prediction** (May 23 – Jun 23) • Description: House price prediction is a project that involves developing a model or system capable of estimating the selling price of house trained with around 15000 house prices. • Used the 2 most affective algorithms i.e., Linear Regression and Random Forest. • Achieved an impressive accuracy of 97% with the random forest algorithm**.** • Link and Results: https://github.com/Praveen3333P/House_Price_Prediction
Machine Learning	**Voice Assistant (**May 22 – Jun 22) • Description: Led the development of a Voice Assistant project, overseeing a team of 4 members. • Utilized natural language processing (NLP) techniques and technologies such as Python, speech recognition libraries, and text-to-speech synthesis resulting in a 25% efficiency boost. • Optimized the Voice Assistant's performance by fine-tuning NLP models and incorporating advanced dialog management techniques, achieving a 95% accuracy rate in intent recognition. • Link and Results: https://github.com/Praveen3333P/Voice-assistant--jarvis

Deep Learning	**Object Detection (**Dec 21 – Feb 22) • Description: Spearheaded the development of an Object Detection software, engaged in a collaborative project with a team of 4 members. • Modernized a robust pipeline for data pre-processing, model training, and evaluation, resulting in an impressive 93% detection accuracy on the test dataset. • Optimized model performance by experimenting with various deep learning architectures, achieving a 90% improvement in detection speed. • Technology: Python, OpenCV, TensorFlow.

Experience	
RadicalX (Nov,23 – Present)	AI Intern • Collaborated on cross-functional teams to align AI solutions with mission objectives. • Developed and optimized machine learning models using advanced frameworks. • Meticulously documented models, code, and methodologies to support knowledge transfer within the team. • Actively participated in team meetings, providing progress updates and contributing to discussions on challenges and solutions, fostering a collaborative work environment.
BharatIntern (Jul,23 – Aug,23)	Machine Learning Intern • Independently completed three machine learning tasks within specified timeframes at Bharat Intern, showcasing strong time management and task prioritization skills. • Demonstrated self-reliance by working on assigned projects without collaboration, ensuring individual accountability and task ownership. • Applied machine learning techniques to address diverse challenges, honing problem-solving abilities and technical expertise.

ACHIEVEMENTS	
Achievements	• Achieved an outstanding rank of 127th out of thousands of participants across India in the prestigious Maths Olympiad IMO. • Recipient of GVSDP Scholarship for three consecutive year (2020-2022) with Rs 1,50,000/- each year.

ADDITIONAL INFORMATION	
Hobbies	• Engaging in active hobbies such as reading comics, staying up-to-date with electronics and computer-related articles. • Actively engaging in recreational activities, fostering teamwork, and enhancing physical coordination and agility through cricket, badminton, and basketball.
Languages	• English-Fluent, Telugu-Native, Hindi-Beginner.