

Hemanth. G

Field of Study: Artificial Intelligence and Data Science

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 Chittoor, Andhra Pradesh - 517002

CAREER OBJECTIVE

Aspiring AI and Data Science professional pursuing a B.Tech in Artificial Intelligence and Data Science, with a strong foundation in machine learning, data analytics, and programming. Eager to apply analytical thinking and technical skills to solve real-world problems through data-driven insights and intelligent systems. Seeking an opportunity to contribute to innovative projects in a dynamic organization, while continuously learning and growing in the evolving fields of AI and data science.

EDUCATION

SIMATS Engineering - Chennai, India

May 2022 – May 2026

- Bachelor of Technology in AI & DS | CGPA – 8.0/10

Sri Chaithanya JR College (BIEAP) – Chittoor, India

June 2020 - Feb 2022

- Stream – MPC | Percentage – 76%

Vijaya EM High School (BSEAP) – Chittoor, India

March 2020

- Percentage - 98%

PROJECTS

Analyzing the Environmental and Nutritional Impact of Food Waste Using Random Forest

- This project investigates the environmental and nutritional consequences of food waste at the household level by leveraging machine learning techniques. A robust **Random Forest classifier** is used as the primary algorithm due to its high accuracy and ability to handle non-linear data.
- To evaluate the model's effectiveness, its performance is **compared with Logistic Regression and Support Vector Machine (SVM)** based on accuracy, precision, recall, and F1 score. The results demonstrate that Random Forest consistently outperforms the other models in capturing complex interactions and providing higher prediction accuracy, making it a reliable tool for food waste analysis and policy development.
- Developed 'Hemango' mobile application for farmers to enable slot booking for mango delivery and optimized unloading processes at the factory.

Skills

- C / C++ Programming
- Python Programming
- Java Programming
- SQL
- Android app development

Certification

- Certificate of completion object oriented programming in python in udemy
- Certificate of completion oracle professional AI vector search
- Certificate of completion internet of things (NPTEL)
- Certificate of best innovation award (wisdom educate academy)
- Certificate of completion java for beginners (Infosys spring board)

