

Santosh Ravi

AI & Data Science Enthusiast | Machine Learning | Automation & IoT

 [Email](#) |  Phone: 8838688753 |  [LinkedIn](#) |  [GitHub](#) |  [LeetCode](#)

Executive Summary

Results-driven AI & Data Science enthusiast with expertise in automation, IoT, and machine learning. Passionate about developing intelligent systems for sustainable energy solutions. Proven ability to leverage AI-driven decision-making in real-world applications. Strong background in Python, deep learning, cloud computing, and embedded systems. Recognized in multiple AI competitions and research projects.

Skills

Programming Language	Frameworks & Tools	Version Control System
<ul style="list-style-type: none">• Python• SQL• Java	<ul style="list-style-type: none">• Scikit-learn• Pandas• Matplotlib• LabView	<ul style="list-style-type: none">• Git• GitHub

Professional Experience

MSME

- Shortlisted in top 25 teams MSME National Competition – in Sustainable Management and development in Water FootPrint

COMPETITIONS

- 1st & 2nd Prize – AI-Powered Seizure Detection & Sustainable Fashion AI Solutions (Kongu Engineering College)

HANDS -ON-TRAINING & INTERNSHIP

- Completed Training on LABView Tool & Its Applications (PSG Engineering College)
- Artificial Intelligence Intern – NoviTech Pvt Ltd

Projects

HydroTrack:

- HydroTrack calculates the total water footprint for any dish/product—Green: 250L, Blue: 100L, Grey: 150L, Total: 500L per kg—with instant chatbot responses and dynamic data visualization

AI-Based Fabric Classification for Sustainable Fashion

- Optimized fabric classification using AI, improving sustainability analysis by 50%.

AI-Sustainable Living: Smart AI for a Greener Future

- AI-Sustainable Living utilizes 100% Python-based AI models to predict sustainability factors and deliver personalized eco-friendly recommendations to users.

Educational Background

B.Tech in Artificial Intelligence and Data Science (currently 3rd yr)

V.S.B Engineering College, Karur, TN

- Oct 2022 – May 2026
- Current **CGPA: 8.6/10**

Languages

- English (Fluent)
- Tamil(Fluent)
- Telugu (Fluent)
- Hindi (Fluent)