THATI AYYAPPA SWAMY

I am a highly motivated and aspiring software engineer with a passion for problem-solving and a strong desire to gain real-world experience in the field. Currently pursuing a CSE with Artificial Intelligence degree at Amrita Vishwa Vidyapeetam, I am eager to apply my academic knowledge and programming skills to contribute to innovative projects and learn from experienced professionals. Proficient in multiple programming languages , with a strong commitment to delivering high-quality code and solutions. Adept at collaborating with cross-functional teams to achieve project goals and deadlines.

Contact

📱 | 8639813003

✉ | thatiayyappaswami@gmail.com

📍 | Hyderabad, Telangana,India

Education

Bachelor of Science and Technology

2021-2025

Amrita Vishwa Vidyapeetam,Amritapuri

Currently in semester 5 of Computer Science and Engineering with specialization in Artificial Intelligence

Current CGPA - 6.8

Primary and Secondary Education

2016-2021

completed my tenth class with 93 percentage and my intermediate with 95.4 percentage .

Skills

C/C++	●●●○○
Java	●●●○○
Python	●●●●●
Matlab & Arduino	●●●●○
Machine Learning	●●●●●

Work Experience/Projects

Automatic Irrigation System

I made this project gardening and basic irrigation purpose using Arduino and sensors. Watering the plants based on the temperature and moisture in the soil. Built this in autodesk tinkerCAD with Arduino C language.

Diabetic Retinopathy Detection

An AI model trained to detect diabetic retinopathy in human eye and give direct review from the machine instead of manual doctor classification. Built using Convoutional Neural Network resulting 95% accuracy.

Plant pathology and solutions

A Deep learning model trained to detect the disease that are classified into 38 different classes for 14 different plants using CNN. And solutions for classified disease are given by the chatbot that is trained on PDF that resulting solution using XAI

Music Recommendation System

A ML model used to recommend music for user based on the user previous music data. It was built using vectorization method, matrix filtering and NTLK vectorization methods. It recommends based on the lyrics on previous song.

Professional Strengths

- I'm eager to pick up new skills.
- I am good in dealing with large data.
- I have very good proficiency in machine learning and neural network programs.
- I work on solving data structure problems.
- I am good a team managing.

Language

Telugu

English

Hindi