



EDUCATION

Sri Eshwar College of Engineering	B.TECH(AI&DS)	CGPA-7.85	2023-2027
St. Antony's Matric Higher Secondary School	HSC	88.33%	2021-2023
St. Antony's Matric Higher Secondary School	SSLC	70.83%	2020-2021

INTERNSHIP

MERN STACK DEVELOPMENT – CONNECT (Training Solutions) 2025

Gain practical experience in creating MERN stacks and develop user-friendly, interactive, full-stack applications using mongodb,express js, react js, and node js .Create interactive web solutions with real-time features,enhanced user experience UI/UX, and improved performance, and stay updated with the latest trends -[Certificate](#)

PROJECTS

Smart Crop Prediction System 2024

The Smart Crop Prediction System uses machine learning algorithms to analyze soil type, moisture, temperature, and weather data to recommend the best crop for cultivation. It leverages historical farming data and predictive models to improve yield and resource efficiency. This system helps farmers make informed decisions, boosting productivity and sustainability.

Tech Stack: Python, Pandas, Seaborn, Sklearn, Pyplot, Ml algorithms.

Waste Management System 2024

A waste management system that assists users in locating and managing garbage collection from nearby areas in an efficient manner. The system offers an intuitive web interface constructed using html and css, allowing users to report waste locations, locate nearby garbage collection points, and schedule pickups. The platform seeks to foster cleaner communities by linking residents with nearby waste management providers.

Tech Stack: HTML, CSS, JavaScript, Google Maps API.

Smart Garbage Detection System using YOLOv8 and Python 2025

The waste detection system employs yolov8 to identify and categorize waste in real-time, whether it's from images or video. It categorizes different types of waste, such as plastic, paper, metal, and organic waste, using advanced machine learning techniques. This improves waste management and aids smart city initiatives by providing precise detection

Tech Stack: Python, YOLOv8, OpenCV, NumPy, PyTorch , LabelImg .

Green Cart — Smart Eco-Friendly Shopping Platform 2025

Green cart is a contemporary web application that links users with environmentally friendly products and vendors. It provides a hassle-free shopping experience with tailored recommendations, real-time order tracking, and vendor reviews. The platform encourages eco-friendly decisions to minimize carbon emissions and foster ethical enterprises.

Tech Stack: MongoDB, Express.js, React.js, Node.js, JWT Authentication, RESTful APIs.

CERTIFICATES

C Language Certification	Udemy	2023
C++ Programming -Beginner to Advance	Udemy	2024
Mastering Data Structures & Algorithm Using C&C++	Udemy	2024
SQL Certificate	Hackerrank	2024
Mastering Python Programming	Udemy	2024
Data Science & Analytics	HPLife	2025
GenAI for Data Analysts	Coursera	2025

ACHIEVEMENTS

Leetcode - Solved 150+ problems | Contest rating - 1412 | [profile](#)

Hackerrank - 5 star coder in C++ | 4 star in Java | 4 star in C | 5 star in C | [profile](#)

Code chef - Solved 170+ problems | [profile](#)

SkillRack - Solved 300+ problems | [profile](#)

Paper publication - A Smart Pill Dispenser with Real-Time Alerts [Document](#)

SKILLS

Languages	C C++ Python Java HTML CSS Javascript
Core	Data Structures and Algorithms Data Science
Query Language	SQL NoSQL
Tools	VScode Canva GitHub Excel Tableau Power BI Jupyter Notebook Mongo DB Eclipse