Manvitha Rao

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EDUCATION

Canara Engineering College	Mangalore, Karnataka
Bachelor of Engineering in Computer Science (9.14 CGPA)	*2022 – Present*
St. Agnes PU College	Mangalore, Karnataka
Pre-University Course in PCMC (95.17%)	*2020 – 2022*
St. Agnes High School	Mangalore, Karnataka
SSLC (99.04%)	*2019 – 2020*

TECHNICAL SKILLS

Languages: C, Java
Frontend: HTML, CSS, ReactJs
Database: SQL
Developer Tools: VS Code, Eclipse, Postman

PROJECTS

EvalEase-Training feedback Collection and Analysis Portal |
Spring Boot, SQL,ReactJs,Python Flask   *Jul. 2025 – Aug. 2025*
- Developed a web-based system to create feedback forms for training sessions and collect responses from trainees.
- Designed and implemented the Feedback Analysis Module to process responses, generate visual insights, and perform sentiment analysis using a Python Flask microservice.
- Collaborated in a team of 10 members, contributing mainly on feedback analysis module by developing Rest APIs using Spring-boot for session-wise and question-wise analysis from structured feedback data and visualized the responses using react with chart.js

Agri Connect-Assured Contract farming System for Stable Market Access |
ReactJS ,NodeJS ,ExpressJS ,MongoDB(MERN)   *Sept. 2024 – Nov.2024*
- Built a web application that enables direct interaction between farmers and companies engaged in contract farming, eliminating middlemen.
- Designed farmer and company dashboards to create, browse, and manage contract opportunities for raw material supply.
- Enabled farmers to access stable market opportunities and ensured companies could identify reliable producers.

VTU SGPA Calculator | *Java*   *May 2023 – June 2023*
- Developed a Java-based application to calculate SGPA for each semester as per the 2022 VTU scheme.
- Enabled students to input marks and instantly generate accurate SGPA results.
- Simplified the grade calculation process, reducing manual effort and ensuring accuracy for VTU students.

COURSES AND CERTIFICATES

- **Java Programming-beginner to Master (In Progress)**: Udemy course by Abdul Bari covering Core java concepts, OOP, Exception handling, Collections and JDBC
- **Java Programming Certification**: Certificate of completion of java training from IIT Bombay as a part of Spoken tutorial project   *Jul. 2024*
- **C Programming Certification**: Completed a comprehensive NPTEL Certification in Problem Solving Through Programming in C with a consolidate score of 70% (Elite Badge) by IIT Kharagpur   *Oct. 2023*

HACKATHONS & COMPETITIONS

- **Make for Mangalore – Titan Design Impact Movement**: Participated in a 2-day makeathon focused on social impact solutions, where our team designed a frontend prototype of a direct-to-consumer artisan marketplace, proposing an escrow-enabled payment model for fair revenue split.   *Aug. 2025*
- **SAP Hackfest – Idea Pitch**: Pitched the idea of blockchain based transparent marketplace for artisans to promote fair trade and uplift their recognition.   *May 2025*
- **College Ideathon – Dhwani Alerts**: Pitched an AI-powered women's safety app that detects distress via voice recognition and triggers automated emergency responses; selected among the Top 10 finalists.   *Feb. 2025*