

Bala Murali M

✉ balammuu0023@gmail.com

☎ +91 88259 40346

📍 Coimbatore

🌐 LinkedIn

🐙 Github

Profile

A passionate and motivated student with a keen interest in technology and problem-solving. Proficient in programming and data analysis, with hands-on experience in developing innovative projects.

Education

2023 – present	B. Tech AI & DS	8.66/10 CGPA
Coimbatore, India	<i>Coimbatore Institute of Technology</i>	
2022 – 2023	HSC	95.16/100
Naalumavadi, India	<i>Sri Ganesar higher secondary school</i>	

Projects

MediVerse – AI-Powered Healthcare Platform - 2025

Developed an intelligent healthcare system integrating audio, text, image, and wearable data to enable real-time health monitoring, early disease detection, and automated medical report generation for patients and doctors.

Lectura – Intelligent Video-to-Learning Converter - 2025

Built a machine learning pipeline that processes educational videos by converting them to audio, generating transcripts, summarizing key points, and auto-creating quizzes to enhance active learning and retention.

TinyToes - 2025

An AI-powered web platform that helps parents understand and care for their babies with features like cry analysis, milestone tracking, expert consultations, and nanny booking.

Respio - 2024

An AI-based application using CNN-GRU for pulmonary disease detection in food processing workers through respiratory audio analysis.

Achievements

Perpetual Fest - Project Expo - CIT

Winner 2024

Googleathon - Hackathon - CIT

Runner 2024

Virtus Codicis - Project Expo - Sri Eshwar College

Winner 2025

HackRush - Hackathon - CIT

Runner 2025

Skills

Languages : C, Python, Java, JavaScript, R

Database : MySQL

Firebase

Frontend : HTML, CSS, Bootstrap, Tailwind CSS, React, Figma

Machine Learning and Data Science

Position and Responsibilities

Core Member - AI & DS Association, CIT

Board Member - Nature Club, CIT