

LOGABAALAN R S

Artificial Intelligence & Data Science

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EDUCATION

Sri Eshwar College of Engineering	B. TECH(AI&DS)	CGPA: 8.53 (Upto 4 th Semester)	2022 - 2026
Don Bosco Hr Sec School	HSC	Percentage: 94.14%	2020 - 2022
Don Bosco Hr Sec School	SSLC	Percentage: 92.60%	2019 - 2020

INTERSHIPS

Artificial Intelligence Intern – Plotch.ai **2024**

Implemented Web Speech API and multilingual support with dynamic APIs for catalogs, automated cache warming, and database management. Leveraged Hugging Face LLMs for semantic search and deployed React and Flask on AWS.

Tech stack: Python, React, Node JS, AWS Server, MySQL, Flask API

MERN Stack – RV Tech Learn **2024**

Leveraged MERN Stack expertise to build secure APIs with robust database integration for user authentication in dynamic web applications. Gained practical experience with modern technologies through team collaboration.

Tech stack: HTML, CSS, JavaScript, React, Express JS, Node JS, Mongo-DB

PROJECTS

Deepfake Detection **2024**

Built a multi-modal deepfake detection platform using Vision Transformers and CNNs for video, audio, and image classification. Enhanced efficiency by optimizing performance with Intel's One-DNN, reducing processing times.

Tech Stack: React JS, Python – Flask, Intel Tools, Machine Learning.

AI Fashion Generator **2024**

Designed the frontend and API for an AI-powered fashion generator using the MNIST dataset to create diverse clothing designs. Leveraged machine learning to synthesize unique fashion pieces based on patterns and trends.

Tech Stack: Python, Flask, TensorFlow, HTML, CSS, JavaScript.

Spotify Music Player System **2024**

Designed a music player system with user authentication, subscriptions, and personalized music recommendations. Included features like artist selection, favorites management, and provided the top genre-based music suggestions to the user.

Tech Stack: React JS, Python, Flask.

Smart Blind Belt for Visually Challenged People **2023**

Developed a camera-based object detection system with voice feedback and an SOS feature, enhancing mobility and safety for visually impaired individuals. Revolutionized accessibility and quality of life through innovative technology.

Hardware Components: ESP32 Cam, GPS Neo-6M, Arduino UNO, Ultrasonic Sensor, ESP8266.

Tech Stack: Python, Arduino, IoT.

CERTIFICATIONS

Certified in Programming in modern C++	<u>Nptel</u>	2024
Certified in AWS Cloud Quest: Cloud Practitioner Badge	<u>AWS</u>	2024
Certified in Mastering Data Structures and Algorithms using C&C++	<u>Udemy</u>	2023
Certified in Structured Query Language	<u>Hackerrank</u>	2023
Certified in Introduction to Programming in C	<u>Nptel</u>	2023
Certified in The Joy of Computing Using Python	<u>Nptel</u>	2023

ACHIEVEMENTS

Leetcode: 300+ problems solved | Top 20% in the world | Contest rating – 1666 | [profile](#)

CodeChef: 150+ problems solve | 1 star Rating | [profile](#)

HackerRank: 3 Certifications | 4 badges | [profile](#)

INTEL ONE API HACKATHON: Amrita Vishwa Vidyapeetham, Coimbatore and won 2nd prize with cash price of 40,000. **2024**

INTEL Gen-AI HACKATHON: KPR College of Engineering, Coimbatore and selected as TOP 15 finalist **2024**

Hackathon (Devshouse'24): VIT-Chennai (36 hrs. National Level Hackathon) and secured as finalist in top 60 teams. **2024**

Project Leap Java-DB Sprint Week & First Year Project Expo: Internal Hackathon Conducted by our college and secured 1st position. **2023**

PSG I-Tech Hackfest: Hackathon conducted by PSG College of Technology and selected as a finalist. **2023**

SKILLS

Programming Languages C | C++ | Python | Java | HTML | CSS | React

Core Machine Learning | Data Structures & Algorithms | Data Science

Framework & Database Python-Flask | Mongo-DB | My-SQL

Tools VS-Code | PyCharm | GitHub | Eclipse IDE | Code Blocks | Google-Colab | Jupyter – Notebook | Sublime – Text | Canva