

# JOSHAN SAGAYAM

"I am an engineering student with a passion for innovative technologies and problem-solving. I've worked on projects like E-Alert and attended workshops As a Scouts member and department cultural coordinator, I've honed my leadership and teamwork skills."



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## EDUCATION

### B.E(ECE)

LOYOLA-ICAM COLLEGE OF ENGINEERING AND TECHNOLOGY

2021 - 2025

CGPA 6.7[4th SEM]

### 12th

DON BOSCO MAT.HR.SEC.SCHOOL EGMORE

Courses

- 10th - 86% (2019)
- 12th - 85% (2021)

## INDUSTRY

### INTERNSHIP

ThirdEye @ IIT Madras

Tasks[06/23 -07-23]

- Contributed to 'ThirdEye' project focusing on traffic monitoring and accident detection. Responsibilities included data annotations and website development for enhanced project functionality.

### IN-PLANT training

CALIBRAINT-(blockchain development company) Chennai.

Tasks[08/22 -08/22]

- Exploring IT field
- Basics of github

### Trainee

TESSOLVE SEMICONDUCTORS PVT LTD

tasks

- Attended workshops on Embedded Systems (Feb 6 - 11, 2023) and VLSI Chip Design (Aug 21 - 26, 2023), gaining hands-on experience in microcontroller programming, system integration, circuit design, layout, and simulation

## CO-CURRICULAR ACTIVITIES

### NSS

"Engaged as an active NSS member, participating in diverse volunteer activities focused on community development and social welfare initiatives."

### Culturals Co-ordinator

"As Department Cultural Coordinator, demonstrated effective leadership skills, resulting in the department winning first place among all departments."

### Scouts

"Served as Secretary in Scouts, leading troop members through a range of activities and initiatives, fostering teamwork and skill development."

## SKILLS

C

Python

MySQL

## PROJECTS

### STAMS

- Smart Traffic cum Accident Management System to uplift the transport services using Artificial intelligence. Role - idea pitch, presentation(was selected in top 8th project among 300)

### Demete

- A food delivery app that creates a personalized diet for the user and delivers the same.

### QualityWatch360

- Implemented AI and diverse technologies to assess road quality, enabling accurate reporting of findings.

### Payaari Sevika

- Recognized as one of India's top 6th projects, dedicated to advancing rural health monitoring initiatives

### PlateLink: Web-Based Vehicle Plate Recognition and Tracking System

- Developed a project enabling recognition of vehicle number plates and real-time display on a website for efficient vehicle tracking.

### E-ALERT

- We developed the "E-Alert" project, a real-time electricity cost calculator that instantly notifies users of their consumption. The system is designed to track usage and generate cost reports, aiding users in managing their energy efficiency effectively.

## HACKATHONS

### IIT Madras(Hack-Cidents)

Participated in IIT Madras Haccidents Hackathon and got finalized for final round with a fund of Rs 5,00,000/- for Project Incubation.

### Arduino-Hackathon

3rd place in an Arduino-based project conducted in our college (incentive assent)

### Ideathon(St.Josephs college of eng & tec)

Secured 3rd place in an ideation competition for presenting our project, Demete, a customized food delivery app.

### Hack O Holics 3.0

Achieved the Best UI/UX award in a 24-hour hackathon for our innovative tourism application utilizing blockchain technology

### Engineer's Day Ideathon

Achieved second place in an ideation for pitching the concept of a green corridor dedicated to ambulances, showcasing innovation and commitment to social welfare.