



Sri Eshwar

DHARUNKUMAR S

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EDUCATION

Sri Eshwar College of Engineering	B.E. CSE(AIML)	CGPA: 8.18 (till 3 rd Semester)	2024-2028
Veveaham Matric Hr. Sec. School	HSE	94.8 %	2023-2024
R G Matric Hr. Sec. School	SSLC	87.8 %	2021-2022

PROJECTS & PRACTICAL EXPERIENCE

Real-Time Public Transport Tracking System Mar 2026

- Developed a real-time IoT-based public transport tracking system using ESP32 microcontroller with NEO-6M GPS module, FastAPI cloud backend with Kalman Filter noise reduction, Firebase Realtime Database, and cross-platform React Native mobile application for live bus location tracking with ETA prediction

Monsoon Shield Feb 2026

- Developed an AI-powered early warning system for water-borne diseases using FastAPI and React, enabling real-time risk prediction and monitoring.
- Implemented data pipelines, predictive modeling, and live system updates using WebSockets for dynamic and scalable public health insights.

Churn Guard - Customer Churn Prediction Platform Dec 2025

- Developed a customer churn prediction platform using Django, React, and machine learning for real-time data analysis and prediction.
- Implemented an end-to-end ML pipeline including data preprocessing, model training, and analytics dashboard for actionable insights.

Intelligent Event Management System Oct-2025

- Developed an AI-powered event management system using React and Tailwind CSS to streamline event creation, registration, and attendance tracking.
- Implemented intelligent features like conflict detection, personalized event recommendations, and role-based access control to enhance user engagement and system efficiency.

INTERNSHIPS

Research Intern in Data Analytics & Artificial Intelligence – NIELIT Calicut Dec 2025

- Gained hands-on experience in AI/ML concepts, worked with YOLO for object detection, and performed data analysis using Python libraries. Developed basic web applications using Django and integrated ML concepts into practical use cases.
- Worked on Sales Analysis & Forecasting and by applying ML, data analytics, and integrated web applications using Django.

CERTIFICATIONS

The Complete Java Programmer: From Scratch to Advanced	Udemy	2026
Django Essentials: Build and Deploy Real-World Apps	Udemy	2026
SQL for Beginners	Udemy	2025
C Programming Course	My Great Learning	2024

CODING PROFILES

LeetCode: 115+ problems solved | 8 contests | Max Rating: 1521 | [Link](#)

SkillRack: 820+ problems solved | 11 Certificates | 293+ Bronze Medals | [Link](#)

ACHIEVEMENTS

Second Price in Mini Project Expo	2026
Second Price in Paper presentation at Fiesta'26	2026
Second Price in Paper presentation at SZIKRA'26	2026
Shortlisted - SIH for second Round	2025
Shortlisted in Ideathon to Final level	2025

TECHNICAL SKILLS

Programming Languages: C | C++ | Java | Python | JavaScript

Web Technologies: HTML | CSS

Frameworks: React.js | Node.js | Django REST Framework

Databases: PostgreSQL | MySQL | Firebase

Core Concepts: Data Structures & Algorithms | OOPS | DBMS.

Data Science & Analysis Libraries - Pandas | NumPy | Seaborn | Matplotlib

Tools: Git | GitHub | VS Code | Power BI | Matplotlib

