

EDUCATION

B.E. CSE	Sri Eshwar College of Engineering	CGPA:8.40 (upto 2nd Sem)	2024 - 2028
HSC	Government Hr Sec School, Vadasithur	95.5%	2022 - 2024
SSLC	Government Hr Sec School, Vadasithur	97%	2021 – 2022

INTERNSHIP

CodeAlpha – online Internship	JAN 2025
Designed a portfolio website that displays abilities and skills. This enabled me to demonstrate my abilities to create real world web apps and gained hands-on experience with the alignment of various blocks.	

PROJECTS

Caterpillar – IgnusXII	JAN 2026
Developed an autonomous rover with obstacle-aware navigation and autonomous excavation & dumping using ROS2.	
Caterpillar - Real-Time Monocular depth Estimation using Edge AI	JUN 2025
The task of predicting the depth value (distance relative to the camera) of each pixel, given a single (monocular) RGB image. This information can be used to estimate the distance between the camera and the objects in the scene. Often, used in Autonomous Vehicles. Datasets used: KITTI, NYUV2. Github	
SafePaws – Wild Animal Preservation System	SEP 2024
An AI-powered system using thermal radar to detect animals in real time and alert drivers through sound, vibration, or visual cues. Aimed at preventing animal-vehicle collisions and ensuring road safety.	

CODING PROFILES

Skill Rack : Solved 2000+ problems Received 12 certificates 450+ Bronzes Ranking: 3695 Dhivya V
Leetcode : Solved 400+ problems Global Level Ranking: 2,87,131 Rating: 1,401 Dhivya V
Codechef : Solved 1000+ problems Global Ranking: 167581 Rating : 906 Dhivya V
HackerRank : 3 star C, 5 star SQL, 4 star Java Dhivya V
Codeforces : Solved 50+ problems Contest Rating : 377 Dhivya V

CERTIFICATIONS

Mastering Data Structures using C and C++	Udemy	MAY 2025
Spoken Tutorial project	IIT Bombay	FEB 2025
C,HTML,CSS,JS	Sololearn	DEC 2024
Java programming	Skillrack	DEC 2024
Java Programming Course	Infosys SpringBoard	NOV 2024

ACHIEVEMENTS

Caterpillar Autonomy Challenge 2026	JAN 2026
Top 10 position all over India	
6th Rank at National Entrepreneurship Challenge	NOV 2025
Top 6 among 530+ teams all over India – shortlisted for finals round at IIT Bombay	
MSME Idea Hackathon 5.0	AUG 2025
Shortlisted and Recommended for MSME Idea Hackathon 5.0	
Caterpillar Tech-A-Thon 2025(National level Hackathon)	JUN 2025
Top 10 Among 2250+ teams - Shortlisted for the last round at Caterpillar Inc.	
2nd Runner up in Freshathon 2025	MAY 2025
Shortlisted and 2 nd runner-up in Freshathon at Sri Eshwar College of Engineering	
2nd Runner up in Createathon	NOV 2024
Selected and 2 nd runner-up in Createathon at Sri Eshwar College of Engineering	

TECHNICAL SKILLS

Programming	C++ Java SQL
Core Concepts	DSA OOPS DBMS ROS2
Web Technologies & Database	MERN SpringBoot SQL NOSQL
Data Science & Libraries & Visualization tools	Pytorch NumPy Matplotlib Computer Vision Blender