



DHIVYA V

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EDUCATION

B.E. CSE	Sri Eshwar College of Engineering	CGPA:8.40 (upto 3 rd 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 Autonomy Challenge – Excelerate XD	JAN 2026
Developed an autonomous rover with obstacle-aware navigation and autonomous excavation & dumping using ROS2. GitHub	
Caterpillar Tech Challenge - Ignus A3D	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	
AgentX – Multimodal AI Workflow Orchestration System Github	FEB 2026
AI-powered workflow automation system integrating Gmail, Google Calendar, and Notion APIs for email intelligence, meeting summarization, and task orchestration using LLM-based pipelines and real-time transcription.	

CODING PROFILES

Skill Rack : Solved **1900+** problems | Received **12** certificates | **450+** Bronzes | Ranking: **3995** | [Dhivya V](#)
Leetcode : Solved **450+** problems | Global Level Ranking: **2,39,131** | Rating: **1,466** | [Dhivya V](#)
Codechef : Solved **1000+** problems | Global Ranking: [124498](#) | Rating : **906** | [Dhivya V](#)
HackerRank: 3 star C, 5 star SQL, 4 star Java | [Dhivya V](#)
Codeforces : Solved **80+** problems | Contest Rating : 1061 | [Dhivya V](#)

CERTIFICATIONS

Mastering Data Structures using C and C++	Udemy	MAY 2025
DSpokenTutorial	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 – Saastra 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 Javascript
Core Concepts	DSA OOPS MERN DBMS ROS2
Web Technologies & Database	HTML CSS React Node.js Figma MongoDB Streamlit
Data Science & Visualization tools	Pytorch NumPy Matplotlib Computer Vision GitHub Blender