



# DHIVYA V

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## EDUCATION

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

## INTERNSHIP

<b>CodeAlpha</b> – 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

<b>Caterpillar – IgnusXII</b>	JAN 2026
Developed an autonomous rover with obstacle-aware navigation and autonomous excavation & dumping using ROS2.	
<b>Caterpillar - Real-Time Monocular depth Estimation using Edge AI</b>	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. <a href="#">Github</a>	
<b>SafePaws – Wild Animal Preservation System</b>	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

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

## 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

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

## TECHNICAL SKILLS

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