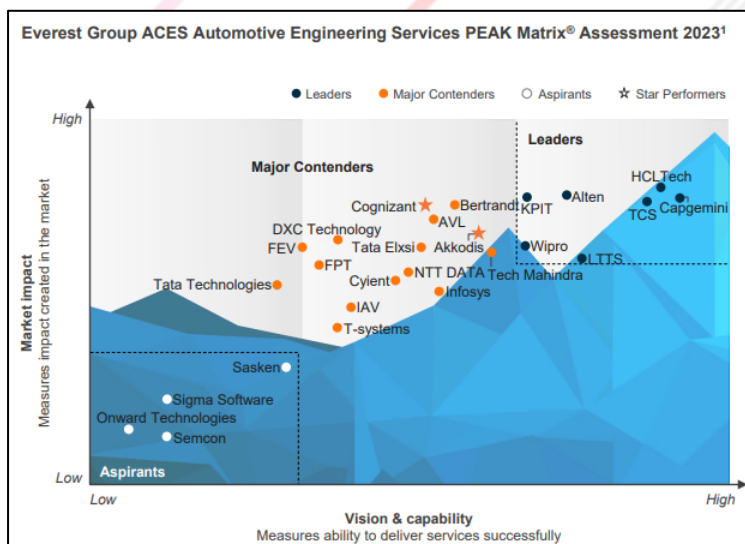


TCS AI-based Autonomous Vehicle Platform




TCS AI-based Autonomous Vehicle Platform recognized as the Most Innovative Solution at the 5th CII DX Awards 2023.



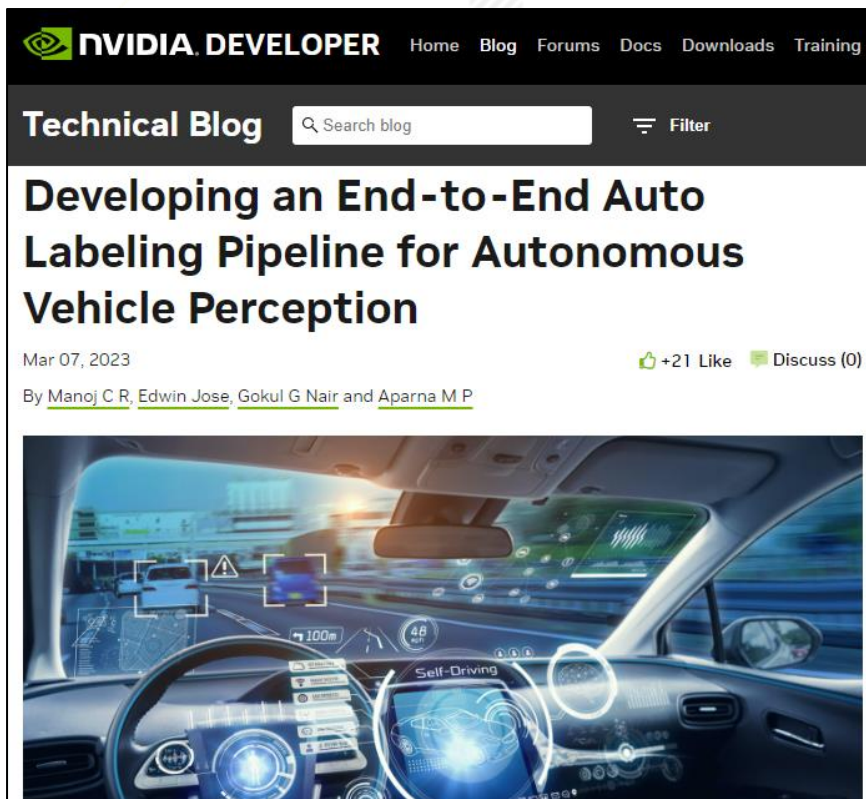
TCS ranked as a Leader in Everest Group ACES Automotive Engineering Services.

Know more about it here: <https://www2.everestgrp.com/reportaction/EGR-2023-40-R-6093/Toc?SearchTerms=ACES%20automotive%20engineering%20services%20peak>

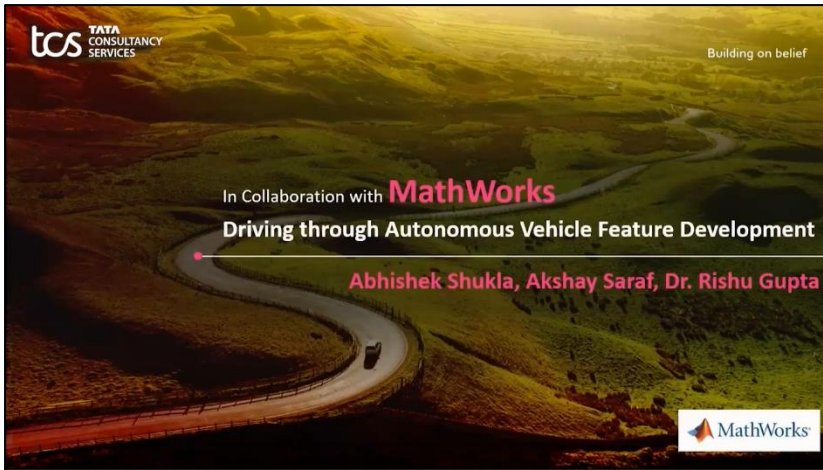
Patents granted in Autonomous Driving in USA, Japan & India

System and Method for detecting objects and calculate distance between a vehicle & the objects	System & method for steering control during autonomous vehicle driving	
Method and system for ground truth determination in lane departure warning	Lane detection	
Multi range object Detection Device & Method	System And Method For Stereo Object Detection & Distance Computation	
System and Method of Ground Truth determination & validation of LDW	A method & apparatus for bandwidth efficient video streaming	
An Illumination invariant and robust apparatus & method for detecting & recognizing various traffic signs	Digital Images – A Novel algorithm for JPEG compression	
Method for improving the lane detection system in curve & dashed lane scenarios	Computer Implemented system & Method for extracting & recognizing alphanumeric characters from traffic signs	
Automobile Assistance System For Object Detection & Tracking	Method & system for detecting an object using a block-based histogram of orientation gradients	
		Device and Method for Multi range object Detection

TCS AI-based Autonomous Vehicle Platform leverages the patents granted to TCS in the field of Autonomous Driving in USA, Japan & India.



TCS' proficiency and thought leadership has been recognized by the industry leaders. Read the above article here: <https://developer.nvidia.com/blog/developing-an-end-to-end-auto-labeling-pipeline-for-autonomous-vehicle-perception/>



TCS, in collaboration with MathWorks hosted a webinar on "Driving through Autonomous Vehicle Feature Development" and presented a use case of autonomous valet parking in an enclosed environment.

Explore more: <https://youtu.be/GJEotLT2Q9c>