**Sidharth Nair**

**PROFILE**

To be able to develop my practical skills and expand my knowledge in the field of engineering. To put my present knowledge to efficient use and achieve greater goals in your esteemed company. To constantly push the limits to feel the sense of

**EDUCATION**

* **B.Tech** **Mechanical Engineering**

**CGPA – 9.0 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 95.80% **2019**

Institution:

* **Class 10** – 95% **2017**

Institution:

**PROJECTS**

Steering design and calculations.

Load transfer and Anti Squat derivation.

Engine performance comparison

Brake Design Calculations

Implemented Kaizen method and 5S at Pricol

Solutions to Customer complaints at Pricol

Data analysis using Excel

**TECHNICAL SKILLS**

3D CAD, Ansys, Excel,

**INTERNSHIP**

**Pricol**

1. Study of Manufacturing automotive parts;   
2. Focused study: Driver Information System (DIS); Sensors and Switches (SAS); Planning cluster assembly line; SMT in PCB.

**Elite Techno Groups**

. Study and analysis of various mechanisms and parts under vehicle dynamics;

Focused study: Vehicle Designing (Chassis), Steering System Designing, Suspension Analysis using Lotus software.

**Maruti Suzuki India**

1. Study and analysis of various mechanisms and parts of an automobile;

2. Focused study: Brakes, Suspension, Steering System, and Gears.

**LANGUAGES**

English, Malayalam

**ACHIEVEMENTS & HONOURS**

10th position out of 33 in International Rover Design Challenge conducted by Mars Society South Asia (MSSA), 2021

14th position out of 24 in International Mars Hackathon conducted by MSSA, 2020

6th position out of 33 in International Rover Design Challenge conducted by MSSA, 2020;   
CSWA, CSWP, CSWA-AM Certifications from Dassault Solidworks;   
Gold medalist in South Indian Karate Championship.