

# Keerthirajan G

## Mechanical Design Engineer

Dynamic and detail oriented Mechanical Engineer with hands-on experience in Mechanical design at Pumo Technovation and strong proficiency in 3D design tools like Creo and CATIA V5. Highly Skilled in CAD modeling and Core mechanical concepts. Successfully executed a project on natural fiber composites highlighting innovation and sustainability. Eager to contribute to product design and development roles with a strong learning mindset and technical precision.

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8682984104

Madurai, Tamilnadu

## EDUCATION

### B.E. Mechanical Engineering

M.Kumarasamy College of Engineering

10/2021 - 04/2025

Karur

Graduated with 7.6 CGPA

### XII Grade

Seventh Day English High School

06/2020 - 03/2020

Madurai

Graduated with 73%

### X Grade

Seventh Day English High School

06/2018 - 03/2019

Madurai

Graduated with 57%

## INTERNSHIPS

### Mechanical Design Intern

Pumo Technovation

03/2025

Chennai

- Learned mechanical component design using AutoCAD, CATIA V5 and CREO.
- Demonstrated ability to work effectively in a team environment and collaborate with engineers and other professionals.
- Possess strong analytical and problem-solving skills, ensuring efficient and effective design solutions.

## PROJECT

### Experimental Investigation On Mechanical Characteristics of Natural Fiber Reinforced Composite Material

07/2024 - 04/2025

Karur

Evaluated various mechanical properties of composites made with banana fiber, kenaf fiber, and vinyl ester resin. Promoted eco-friendly materials for lightweight engineering applications.

## TECHNICAL SKILLS

CATIA V5

CREO

AutoCAD

Part Modeling

Sheetmetal Modeling

Surface Modeling

Assembly Modeling

BIW Plastics Modeling (using Surface)

BIW Sheetmetal Modeling (using Surface)

GD&T Application

2D Drafting

Effective Communication

Ability to grasp new skills

## COURSES

### Automotive Design Course, Pumo Technovation

06/2025

### Project Management, NPTEL

02/2024 - 03/2024

### Professional English Communication, STEP by Hindu

07/2023 - 07/2023

## EXTRA CURRICULAR ACTIVITIES

### Member

SAE INDIA Collegiate Club

12/2021 - 04/2025

Karur

## LANGUAGES

Tamil  
Native Speaker

English  
High Proficient