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CONTACT

PHONE

+91 98410 70809

EMAIL

siddharth.rao@email.com

LOCATION

Chennai, India

PROFILE

linkedin.com/in/siddharthrao

SKILLS

3D CAD & drawings

GD&T

FEA

DFM / DFA

Tolerance stack-up

Root cause analysis

TOOLS

SolidWorks

CATIA

ANSYS

Creo

MATLAB

LANGUAGES

English

Tamil

Telugu

Hindi

CERTIFICATIONS

- Certified SolidWorks Professional

Siddharth Rao

Mechanical Design Engineer

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linkedin.com/in/siddharthrao

PROFILE

Mechanical design engineer with 5 years in automotive components. I take parts from concept and simulation to tooling and production, with a strong eye for cost and manufacturability.

EXPERIENCE

Design Engineer

2021 — Present

Kestrel Mobility, Chennai

- Design brake and suspension brackets for two-wheeler platforms.
- Cut part weight by 14% with topology optimisation while meeting fatigue targets.
- Work with suppliers on DFM reviews and PPAP submissions.

Graduate Engineer Trainee

2019 — 2021

Kestrel Mobility, Hosur

- Supported CAD modelling, drawings and GD&T for 60+ parts.
- Ran FEA studies for bracket redesigns.

EDUCATION

B.E., Mechanical Engineering

2015 — 2019

Northern Institute of Engineering & Technology · CGPA 8.6 / 10

AWARDS

- Cost Saving Award, Kestrel 2023