

Siddharth Rao

Mechanical Design Engineer

+91 98410 70809
siddharth.rao@email.com
Chennai, India
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 · Kestrel Mobility, Chennai 2021 — Present

- 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 · Kestrel Mobility, Hosur 2019 — 2021

- 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

SKILLS

3D CAD & drawings · GD&T · FEA · DFM / DFA · Tolerance stack-up · Root cause analysis

TOOLS

SolidWorks · CATIA · ANSYS · Creo · MATLAB

CERTIFICATIONS

- Certified SolidWorks Professional