

RESUME



VENKATESWAR R

Objective:

Driven Mechanical Engineer looking to leverage my expertise in design, analysis, and problem-solving to develop innovative solutions. Committed to improving efficiency and quality while advancing my professional growth in a dynamic environment.

Professional Experience:

Tata Consultancy Services, Bangalore (Mar 2022- Present)

CAE Engineer

Roles and responsibilities:

- Expertise in modelling of sheet metal, plastics, solids, hybrid part for both safety and opti models.
- Led the modelling and integration of various subsystems such as Garnish Trim, Floor Console, Fascia (Front and Rear), fender, hood assembly, Front and Rear Brake Assembly.
- Collaborated closely with cross-functional teams to streamline the integration process, ensuring seamless interaction and optimal system performance.
- Received data from the client, analyzed the SOR and build plan, checked for CAD intersections, and raised queries as needed while coordinating with the client.
- Performed geometry cleanup, modeling, and integration using ANSA, ensuring an error-free model as per guidelines.
- The delivery model, assumptions, and checklists will be sent to the client.
- Collaborated with clients to understand project requirements, receiving positive feedback and fostering long-term partnerships.
- Mentored junior engineers on meshing best practices and connections, contributing to the professional development of the team.

Tools Used :

ANSA, Metapost, Hypermesh, Primer, Teamcenter, LS-Dyna.

EDUCATION:

- B-Tech Mechanical Engineering,
KMM Institute of Technology & Science, Chittoor, AP | Percentage - 77.65% (2018-2021)
- Diploma, Mechanical Engineering,
RK college of engineering, Vijayawada, AP | Percentage - 69.9% (2015-2018)
- SSC,
Sri Santhinikethan EM school, Nandyala, AP | CGPA - 8.7 (2014-2015)