

SHAIK RIHANA

Mechanical Engineer



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Motivated and quick-learning Mechanical Engineering student with strong analytical, problem-solving, and teamwork skills, known for being reliable, adaptable, and solution-oriented. Eager to work in a growth-driven environment offering job satisfaction, continuous learning, and opportunities to achieve both personal and organizational goals.

Projects

MOM'S MENU

Tech Stack: Html, Css, Javascript

- Created a homemade website is a rewarding journey that combines creativity, technical skills, and problem-solving. It allows for complete customization, giving you control over design, functionality, and content.

Thermal Structural Coupled Analysis Of Disc Brake and Fatigue Life

- Gained valuable experience in disc brake design optimization using FEA simulations, enhancing analytical and problem-solving skills through thermal-structural behavior and fatigue life prediction.
- Improved performance, safety, and durability while reducing weight and physical testing costs by applying simulation-based design enhancements.

Tech Stack: ANSYS, ABAQUS (for thermal-structural coupled analysis, fatigue life prediction and Design Optimization)

Experience

MANUFACTURING OF POLYTHENE BAGS:

Summer Internship

The manufacturing of polythene (polyethylene) bag is a significant with in the plastic industry, driven by the material's versatility, durability, and cost effectiveness. I have really gained a good practical knowledge on manufacturing polythene bags by working with this respective Bharathi Polymers Manufacturing Company.

Education

Secondary School Education: Municipal High School Urdu Main-Kadiri

2019

- CGPA: 10.0

INTERMEDIATE: IIIT RGUKT RK VALLEY

2019-2021

- CGPA: 7.5

GRADUATION: IIIT RGUKT RK VALLEY

2021-2025

- Btech - Mechanical Engineering
- CGPA: 7.0

Skills

- Solid Works
- Auto Cad
- Ansys
- Communication Skills

Languages

- English
- Hindi
- Telugu