THAMARAISELVAN M

MECHANICAL ENGINEER

CONTACT

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Thanjavur, Tamilnadu

EDUCATION

2020-2024

SRM TRP ENGINEERING COLLEGE, TRICHY

- Bachelor of Mechanical Engineering.
- CGPA: 7.4

2019-2020

BRINDAVAN HIGHER SECONDARY SCHOOL, PATTUKKOTTAI.

- Higher Secondary
- 73%

2017-2018

BEST MATRICULATION SCHOOL, THANJAVUR.

- Secondary Education
- 77%

SKILLS

- **Design Tools** - Creo, AutoCAD, SolidWorks.
- **Software** - SAP MM, MS Excel, Outlook, Word & PowerPoint.
- **Soft Skills** - Problem Solving, Teamwork, Supervising and Managerial Skills

LANGUAGES

- Tamil (Native)
- English (Fluent)
- Hindi (Basics)

PROFILE

As a recent graduate in Mechanical Engineering with a strong foundation in CAD modeling, mechanical design, and product development, I am eager to begin my career as a Design Engineer. Proficient in tools like SolidWorks, AutoCAD, and Creo Parametric, I am passionate about applying my technical knowledge and problem-solving skills to contribute to innovative engineering solutions. I am highly motivated to learn, grow, and collaborate with experienced professionals to design efficient and sustainable products that meet industry standards and customer needs

WORK EXPERIENCE

ZF CVCS India Ltd., 2024-2025
Graduate Trainee at RM Stores

- **Inventory Management:** Tracks stock levels, locations, and movements of raw materials.
- **Goods Receipt and Goods Issue:** Manages incoming and outgoing material transactions
- **Material Requirement Planning (MRP):** Ensures sufficient raw materials are available for production while avoiding overstocking.
- **Batch Management:** Tracks materials in batches for quality control and traceability.

KEY SKILLS

- **Software:** SAP MM, Microsoft Excel, Word, and Outlook.
- **Soft Skills:** Problem Solving, Teamwork, Supervising and Managerial Skills

PROJECTS

Design and Fabrication of Multi-Hacksaw Cutter.

- Designed and fabricated a multi-hacksaw cutter capable of simultaneously performing multiple cutting operations, improving efficiency and reducing manual effort.
- Applied principles of mechanical design and manufacturing, including material selection, CAD modeling, and testing, to achieve a functional and cost-effective prototype.

Optimization of LASER Cutting Process using Multi Criteria Decision Making (MCDM) Techniques

- Optimized laser cutting parameters by applying Multi-Criteria Decision Making (MCDM) techniques enhance precision, efficiency, and material utilization
- Conducted in-depth analysis of cutting performance metrics, including quality, speed, and cost, to develop data-driven solutions for industrial applications.