

RAGUL S

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Sirukadal , Thiruvallur - 602025



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- Quality Engineer with a solid engineering foundation and practical experience gained through structured Graduate Engineer Trainee development. Detail-oriented Quality Engineer with 3.3 years of professional experience in quality control and process improvement.

JOB EXPERIENCE

Indo-tech Transformers Limited, Kancheepuram Tamilnadu

Nov 2022 – Dec 2025

- Joined the organisation as a **Graduate Engineer Trainee (GET)** and currently working as a **Quality Engineer**, gaining hands-on experience in quality assurance and process improvement.

Key Responsibilities (Quality Engineer)

- Involved in **inspection, monitoring, and assurance of product quality** as per company and customer standards.
- Performed **root cause analysis** and supported corrective and preventive actions (CAPA) to improve product quality.
- Assisted in **quality documentation**, reports, and compliance with internal quality procedures.
- Coordinated with **production, design, and supply chain teams** to resolve quality issues.
- Supported **continuous improvement initiatives** to reduce defects and improve efficiency.

EDUCATION

B. E. Prathyusha Engineering college, Thiruvallur 602025

2019 – 2023

- Specialization in Mechanical Engineering • CGPA of 8.02

12th State Board – St Josephs Matric HR Sec School 600053

2018 – 2019

- Computer science with Mathematics.
- Scored 59.16% of marks.

11th State Board – St Josephs Matric HR Sec School 600053

2017 – 2018

- Computer science with Mathematics.
- Scored 61.5% of marks.

10th State board Kalaimagal Matric HR Sec School 600062

2016 2017

- Scored 88.6% of marks.

INTERSHIPS AND INDUSTRIAL VISITS

Arakkonam loco shed

Jan 2022

- Observed and learned about the engine motors, roller bearings, and overall maintenance procedures of various classes of electric locomotives used for express and freight trains.
- Gained practical knowledge in preventive and annual overhaul maintenance works for electric engines.

Delphi TVS, Thodukadu, Sriperumbudur, Kanchipuram

Oct 2022 Mar 2023

Internship (6 months) ○ Assisted in the assembly and testing of **fuel injection systems** and related automotive components, gaining hands on experience in manufacturing processes.

- Involved in quality related activities, utilizing various **measuring instruments** for in process and finalstage inspections of components.

PROJECTS

Automatic Tricycle by using motor

- ◆ An automatic motorized tricycle uses an electric motor (often BLDC) powered by rechargeable batteries, controlled by a throttle/accelerator for effortless movement, offering stability, forward/reverse motion, and features like regenerative braking and smart connectivity (IoT) for enhanced accessibility, cargo, or personal transport, replacing pedals with electric power for easier rides, especially for those with mobility issues or for heavy-duty use

Hand Gesture Controlled Robot with Ultrasonic Braking System

- ◆ A **hand gesture-controlled robot with an ultrasonic braking system** is an innovative robotic vehicle that a user navigates using natural hand movements, while incorporating an automated safety mechanism to prevent collisions with obstacles

Under water Drone (SIH-2022)

- ◆ **Under water Drone** a subsea robot used for exploration, inspection, and data collection in marine environments, featuring cameras, lights, sonar, and sensors, controlled via tether or autonomously, with powerful thrusters for maneuvering, enabling tasks from pipeline inspection and search & rescue to marine research, replacing risky human dives

ADD-ON COURSES AND CERTIFICATIONS

- AutoCAD
- IMS Quality Audit certification
- Pursuing SolidWorks Course
- SIH-2022 Certification

ACTIVITIES

- Member of YRC Volunteers in college
- Participated in SIH competition

SKILLS

- **Advanced MS Excel skills**
- **Power point skills**
- **Languages:** Read, write and fluent in English,Tamil

I hereby declare that the above given details are true and accurate to the best of my knowledge.

Place: Chennai

Ragul S

Date: