

**Dhilip Mathan Ganesan**

**Mechanical Engineer**

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**Mobile:** +971 509665466

**Nationality :** India

**Languages :** English, Tamil, Malayalam, Hindi.

**Visa Status :** Visit Visa



### Objective

Highly Motivated and dedicated individual seeking an environment that encourages continuous learning and provide exposure to new ideas, personal and professional growth in the area.

### Professional Experience and Accomplishments

#### Star - Tech Engineering , Dubai, UAE

##### Motor Rewind Engineer ( April 2022 - September 2024 )

- Performed various tests on motors and pumps to ensure quality of workmanship
- Proficient with all test equipment and precision measurement tools
- Performed precision motor and pump installation in customer facilities
- Troubleshoot using meggers, oscilloscope, multi meters.
- Disassemble Motors taking bearings out, end bells off, taking junctions off and labeling the RTDs, vibrations probes, bearing probes, and floating the rotor out.
- Assemble Motors floating the rotor in, installing the end bells, installing the bearings, out the bearing and vibration probes in, installing the junctions boxes.
- Trouble shot AC&DC motors and various electrical pumps on the field
- Inspected various parts of electrical motors using meggers, fluke meters, and micrometer.
- Maintained machines within company ( drill press, lathe, sand blaster)
- Dismantled generators, clutches, and vertical & split case pumps, ac/dc motors.
- Analyzed and determined equipment problems encountered during assembly and testing of equipment.
- Installed new equipment at site locations.
- I was responsible for inspecting all internal parts of the motor which included windings, shafts, fans and bearings.
- Once problem diagnosed I was responsible for sending parts to proper department for repairs.
- Once repairs were made I was then responsible for reassembly of the motor to prepare for customer pick up
- Run testing the motor by running it on the test pad and monitoring the temperature of the bearing to

make sure that they are in specs of the costumer and manufacture.

## **Motherson Automotive Technology and Engineering, Chennai, India**

**Production Engineer For Hyundai and Ford (Oct 2020-Jan 2021)**

### **Responsibilities:**

- Maintain clear channels of communication with management and team members and verify correct paper work for each vehicle.
- Worked closely assisting on the left and right sides of the car, on the assembly line.
- Worked on assembly lines, quality, and inspection.
- Worked on an assembly line in several key areas installing components for the cooling / heater system.
- Encouraged teamwork through group activities and team sports.
- Develop effective relationships with team members and managers through clear communication.

## **Forging Pvt Ltd, Chennai, India.**

**CNC Machine Operator ( July 2018 - Aug 2019 )**

- Modified and added to programs as needed.
- Converted programs from one language to another.
- Trained new employees in machine operation.
- Helped other operators with troubleshooting and problem solving.
- Assisted with process development and improvement.
- Carefully read and interpreted blueprints and adjusted machine to meet customer expectations.
- Inspected material after completion for accurate measurements of all dimensions
- Maintained logbook with geometric dimension and heat tolerance to plan machining activities
- Ensured all CNC machines were properly lubricated before each process initiation.
- Maintained proper coolant levels to keep machines operating.
- Used calipers, micrometers, and other gauges required for the inspection of parts.
- Verified machine settings and programmed control data for accuracy.

### **• Education**

- **B.E. (Mechanical & Engineering), (2014-2018)**  
**(Mount Zion College of Engineering and Technology, Pudukkottai)**

### **Declaration**

I, Dhilipmathan, hereby declare that all the information furnished above is true to the best of my knowledge.

**Place :**

**Date :**

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