

GOPI KRISHNAN R

R&D ENGINEER

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☎ 9003698587

📍 Coimbatore

Collaborative and result-oriented individual with an ability to tackle the different Projects & accomplishing the goals. I strongly believe that perseverance, right attitude, efficient planning and team work are the key elements for attaining success.

Experience

TESTING ENGINEER, JAYEM AUTOMOTIVES PVT. LTD

2018- 2022

- Clearly know how the Engine testing intricacies, Knowledge on Engine 4C Components, Basic optimization calibration of development engines, Performance evaluation – on the run situation (OBD), Field challenges – Enduring field failures and effecting counter measures.
- Experience in handling the OBD software's such as INCA, VISU, Grade X.
- Calibration of gasoline engine & diesel engines under steady state & dynamic check for Air modelling & some vehicle related functions. Expertise in Performing engine performance test and calibration on testbed.
- Conducting various tests on Vehicle Level and Test bed level, this includes mechanical development, durability & performance testing and system validation test of CRDI system.
- Experience in vehicle testing and diagnostics of various systems in components.

DIAGNOSTIC ENGINEER, PPS MOTORS PVT.LTD

2022 - 2024

- Experience in handling the OBD software's such as VDS, VDS3, SIPS, Grade X. Hands on experience in EVs and solved issues related to HV components.
- Experience in Debugging/understanding of service identifiers and error codes.
- Knowledge in power-train components and ADAS and it's applications.
- Experienced in troubleshooting and resolving complex diagnostic issues.
- Experience in handling Master Scan tool (CAN SAE J1939) in Hardware.
- Proficient in utilizing diagnostic tools such as scan tools and multi-meters.
- Experience in customer handling.

R&D ENGINEER, L.G. BALAKRISHNAN AND BROS. LTD

2024 - PRESENT

Responsible for timely Completion of all Projects as per requirements with time line and Bench marking of

- Competitive market Products.
- Working from initial evaluation of theoretical designs with CREO , development, prototyping, testing and release of the Product.
- Carryout the Customer Sample Submission in Production Part Approval Process & Advanced Product.
- Quality Planning Format as per the requirement for the customer, both in Existing Part and New Part.
- Conducting Cross functional Team Meeting for FMEA Preparation of New Product Development.
- Supplier PPM Monitoring and Improvement of Vendor Quality.
- Working on Process Failure Mode Effect Analysis.
- Preparation of test reports of validation and tracking of the failures so as to improve the product performance and Reliability improvement.
- Detailed review of drawings and BOM.
- Adapt Product Design Development Process Validation techniques and Problem-Solving Method.

Education

●	VENKATALAKSHMI MATRICULATION HIGHER SECONDARY SCHOOL • SSLC - 80%	<i>2015</i>
●	PSG POLYTECHNIC COLLEGE • Diploma in Automobile Engineering - 75%	<i>2018</i>
●	COIMBATORE INSTITUTION OF TECHNOLOGY • B.E Mechanical Engineer - 7.16 CGPA	<i>2023</i>

Software Used

- IASYS
- INCA (etas)
- VISU (Delphi)
- SIPS
- VDS3, GRADE X (SIAC)
- SAP

Skills

- Problem-solving
- Creativity
- Time Management
- Leadership
- Critical Thinking

Declaration

I hereby declare the above information is correct and true to the best of my knowledge.