

JYAKRISHNAN JANARDHANAN

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OBJECTIVE

I'm a successful Mechanical Engineer with 10 years of engineering experience and an expert in the Automobile Load body manufacturing Industry and in Passenger and Commercial Vehicle Load Body Code - National Level Certifications.

WORK HISTORY

Homologation Engineer: Veera Vahana Udyog Pvt. Ltd.

Bangalore, India

Feb 2024 - Present

- Good knowledge of AIS 052, AIS 049, AIS 004, AIS 018, AIS 038, and AIS 153 automotive standards within bodybuilding shop, and Coordinate with national level laboratories such as CIRT, ARAI, VRDE and GARC in India.
- Coordinate and plan the Test prototypes, along with technical data for various Homologation projects.
- Make effective modifications and alterations on the vehicle as to align well with the standards requirements recommended by the testing agency.
- Strong communicator to collaborate effectively with stakeholders, including Top Level management and test agencies.

Freelance: Automobile certification consultant

Bangalore, India

Jul 2022 – Feb 2024

- Complying with AIS 093 and AIS 113 in bodybuilding shops and subsequent certifications from national laboratories like ICAT, ARAI.
- Coordination and presentation of technical documents with the details on load body types, dimensions, etc. for 50+ vehicle load bodies.
- Stakeholder engagement and network building with the scientists at National Level Testing Laboratories.

R&D Manager: Josco Automobiles

Kochi, India

Mar 2019 - Jun 2022

- Managed a cross-functional team of 20+ for production planning and control of Truck and trailer load bodies.
- In-charge for in-house bodybuilding certifications and successfully awarded with the first-ever BSVI load body certification in the state of Kerala, India which led to an increase in profit by 15% in FY 2020-21.
- Responsible for overseeing the BOM creation and recording the trajectories for assemblies for accounting and analysis after the fabrication completion.
- Creation and updation of layout and assembly drawings using Auto CAD as per design changes for 100+ load bodies.
- Documented and controlled the design changes with close continuous monitoring from production floor.
- Led effective discussions and follow-ups with concerned government departments regarding the body code implementation.
- Handled directly contractors and suppliers of materials, equipment and fabrication outsourcing.
- Conducted regular training and development programs for the fabrication contractors on regulatory requirements.

Mechanical Engineer Trainee: CADEOSYS

Kochi, India

May 2018 - Sep 2018

- Assisted in projects in MEP and HVAC layout preparation.
- Certified in AutoCAD and Revit softwares.

Production Supervisor Trainee: Kondody Autocraft India Private Limited

Kottayam, India

Nov 2017 - Jan 2018

- Plan the fabrication and assembly of passenger buses and the subsequent components.
- Ensure quality and cost-effectiveness in each production step with minimum wastage.
- Inspect the raw materials prior to production and ensuring the dimensional correctness.

Junior Production Engineer: Sudhir Brothers

Mumbai, India

Nov 2015 - Oct 2017

- Coordinate several projects collaborating with R&D and Production team to ensure timely delivery.
- Analysis of machining processes and wear of cutting tools in production.
- Analyze workforce utilization, production schedules to optimize worker and equipment efficiencies.
- Prepare product and process reports by collecting and analyzing production data.

Assistant Professor: Sree Narayana Gurukulam College of Engineering

Kochi, India

Jul 2013 - Nov 2015

- Organised Faculty development programmes, conferences and Industry interactions as Staff coordinator.
- Helped students in clearly defining their academic path as a Student advisor which led to an overall pass percentage of 85% and above during the tenure.
- Advised students in their project work based on CNC programming, Design of Gantry for loading.

QUALIFICATIONS**Master of Technology in Computer Integrated Manufacturing(CIM)**

SRM University, Chennai, India

2011 - 2013

Subjects: Design for manufacturing, computer-aided inspection, non-destructive evaluation, CNC machines.

Bachelor of Technology in Mechanical Engineering

Mahatma Gandhi University, Kottayam, India

2006 - 2010

Subjects: Production Engineering, Engineering Design, Project Management, Production planning, and Control

Post Graduate Program in Hybrid Electrical Vehicle Design and Analysis (PGPHEV)

Skill-Lync India Pvt. Ltd. (NSDC Approved)

2021-Pursuing

Subjects: Hybrid Electric Vehicle Design, Analysis and Simulation

TECHNICAL SKILLS

- AutoCAD
- Project Management
- MS Office
- Estimation & Cost Analysis
- MasterCAM
- Manage Design Changes & updates
- Bill of Materials analysis
- Automotive Standard Physical Inspection
- PTC Creo
- Quality control engineering
- CNC Programming
- Production Planning
- Detailed Technical Documentation

PERSONAL SKILLS

Communication

As a Students' Project guide, I was able to inspire my students to take up projects that helped them mold their future careers.

Leadership

As the project coordinator, I prepared a team of technical staff at Josco Automobiles and finished the First BSVI Load body certification in 2020 with routine checks on manufacturing process and documentation.

ACHIEVEMENTS

First BSVI Load body certification

Coordinated successfully the State's first BSVI truck body certification in 2020 with an amazing teamwork of the production staff and management- 2020

German B1

Finished B1 level German (Telc accredited) with high scores after finishing the introduction course a local language school in Germany.- 2019.

INTERESTS

- Professional Networking
- Travelling
- Language learning
- Team building and guidance
- Research and Development
- Yoga and meditation

CERTIFICATIONS

- QUALITY CONTROL ENGINEERING, MATERIAL INSPECTION (MPT, LPT, RT, UT) CERTIFICATIONS- TECHSHORE, KOCHI.
- TECHNOLOGY BASED ENTREPRENEURSHIP DEVELOPMENT PROGRAMME 2017- NIT CALICUT.

REFEREES

Referees available on request.