

R.THAMIZHKUDIMAHAN

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Personal Data

Father's Name : Rajaganapathy
Date of Birth : 25/05/1984
Gender : Male
Nationality : Indian
Marital Status : Married
Languages
Known : English & Tamil
Current CTC : 12.0 lakhs PA
Expected CTC : 18.0 lakhs PA

Objective

To serve a dynamic company, offering growth and opportunities to excel in my career.

Interpersonal Skills

Good Communication skill and leadership qualities.

Good grasping, open to new technologies and quick learner.

Motivate and encourage team members to take part in various activities.

Can be molded to fit into any situation.

Strong in analytical, logical and problem solving.

Academic Credits

Professional Qualification: **B.E Mechanical**

Year of completion : APRIL 2010

Name of Institute : Sathyabama
University, Chennai

Technical Qualification : **Dip.Mech.Engg.**

Name of Institute : SRV
Polytechnic,Sembodai

Year of completion : APRIL 2004

Overall experience

- Having total 17 Years of experience in Automotive OEM companies
Present: **Renault Nissan manufacturing plant, Chennai.**
Previous: **Ford India, Chennai**
- Strong exposure in Process Engineering in BIW. New model project Facility and quality engineering.
- Overall, 7 New models project handled, Ford models 3 and Renault models-4, Nissan models-3.
- **1year Overseas experience in Nissan Global Technical centre, Japan**
- **Present Position-Assistant Manager**

Professional Experience

Present Organization : Renault Nissan Automotive India Pvt Ltd, Chennai.

Present Designation : Assistant Manager

Department : **Vehicle Process Engineering - BIW**

Duration : 9 Years. (July'2012 – Till date)

Previous Organization : Ford India Pvt Limited, Chennai.

Designation : Team Leader

Department : **New model Plant Launch-Body shop engineering**

Duration : 8 Years, (June'2004 to June 2012)

Job Description at Renault Nissan:

Assistant Manager (April 2019 ~ till)

- Responsible for Line In-charge of Body Production Engineering, Handling a team of 5 Engineers.
- Develop and implement Continuous Improvement projects for the existing operation to increase quality, productivity, efficiency, and cost.
- Develop best practices, routines, and innovative solutions to improve production rates.
- Design, run, test and upgrade systems and processes,
- Develop, configure, and optimize production processes from inception through to start up and certification.
- Close working relationship with the Technical, Production, and Supply Chain Teams.
- Provide manufacturing data i.e. production control charts, reliability, process capability takt times, to monitor and measure progress to target.
- Improve engineer's skill criteria through training and standard evaluation system.

Senior Engineer (April 2018 ~ Mar 2019)

- Responsible for New Facility Engineering Body shop.
Leader for New multi model fully automation Body sideline Project from Greenfield to Start of Production (SOP) namely Flexible Body sideline with 30 Robots (Welding +Handling) capacity of 30JPH with 4 models. New Numerical Control Technology Jig introduced to produce multi model facility in a same line. Proved this facility for 3 new models in 10 months of period with a team of 4 Engineers+ Supplier team 15

- Preparation of overall building and equipment facility of line.
- Line layout and Primary power source planning
- Equipment specification preparation and launch RFQ
- Supplier co-ordination to meet the timeline of the project.
- Schedule equipment ordering to Installation and commissioning of the facility through PPCC.
- Training preparation of New Technology introduce
- Prove out each milestone as per schedule to meet KPI.
- Report the schedule and KPI status to Top management on weekly basis

Senior Process Engineer (April 2017 ~ Mar 2018)

Overseas assignment @Nissan Technical Centre, NML, Kanagawa, Japan

Overseas assignment experience in Nissan Technical Centre at Nissan Motor Co. Ltd,. Kanagawa Japan. Whereas responsible for Body New model Process planning team leader for Asia pacific region, Job role involved New model Digital lot confirmation, Production requirement feedback, Jig, fixture and Gauges planning and estimation, Plant requirement and capacity study ,Process sheet and standard preparation , Estimation of project build expenditure , simultaneous engineering , Digital lot issue raise with Product team, Prepare schedule and manage Pre build execution with cross functional teams. Prepare and report the status of each Project milestone KPI and action plan for unachieved items with Nissan Top management team.

Total 4 New models prototype build handled for Asia Pacific region at Global Product Engineering Centre, NML Japan.

Had good experience on Japanese culture ,Time management , working environment during this tenure.

Senior Engineer (April 2015 ~ Mar 2017)

Responsible for New model Body shop Quality In-charge. Achieve KPI of Overall Body accuracy and cover parts accuracy, Customer Fit and Finish, QVCC points. Customer concerns resolving through 7QC story method. Respond immediate action as Temporary also Permanently along with Manufacturing, QA and Supplier quality team

Process Engineer (July 2012 ~ Mar 2015)

Responsible for Body shop Quality, Final Assembly Body Quality includes the Final Assembly line Closure setting and Buy off process along with Online and Offline Body Repair at Final Assembly.

Achieve each model Quality KPI target. Body and Cover accuracy, Trim shop Fit and Finish, Static and Dynamic testing issues resolving through 7QC method. Respond immediate action as Temporary also Permanently along with Manufacturing, QA and Supplier quality team.

Projects Handled @ Renault Nissan:

- Involved Duster, Lodge, Kwid, Redigo, Triber, Captur and Kicks.
- **Flexible Body sides line installed and proved for 3 model assy with 40JPH Capacity**
- **1 year overseas experience at Nissan Motor Co.Ltd, Tokyo.**
 - Manufacturing Plan preparation,
 - Digital lot to Physical lot schedule preparation
 - Manage prototype build Schedule
 - Simultaneous Engineering activity
 - Production requirement design feedback.
 - Overall build budget estimation

Job Description at Ford India:

- Worked as Team Leader in Body shop New model Launch team.
Role of Build management for Main line and Closure parts, Closure hemming line Roller hemming and Welding facility installed.
- New Project implementation
- Work standard preparation for Technician Trainee
- Preparation of process sheets
- Arranging the required facilities to build
- Manpower Planning and Reduction of Manpower
- Planning for Prebuild (VP, TTO, PP, MP)
- Cost reduction Initiatives
- Minimize the Non-Production cost
- Implementation of 5S, Cost saving suggestions and Kaizen activities
- Attend department meeting update the build status
- Preparation of Quality Process Sheet
- Prepare FMEA and Control plan
- Initiate and ensure release of Process sheet, Process flow diagram and QPS.
- Expert in sheet metal welding like Spot welding and MIG welding.
- Co- ordinate with Incoming Quality to drive out supplier quality issue to protect internal customers.
- Joint with Production team to deliver on quality and Productivity targets of the zone.
- Implement Product Engineering changes related to the production.
- Knowledge in weld control procedure, weld parameters setting and weld defects.
- Analyze Part variability with using Part Co-ordinate Fixture (PCF)

- Measurement to improve quality level of Body.
- Having experience in BIW closures fitment & adjustment of Gap & Flushness in the fixture output Improvements

Projects Handled @Ford:

- Fiesta, Figo, Eco sport
- Hemming line installed with 25JPH

Other experience and key skills:

- Supplier parts quality audit and confirm part accuracy through CMM measurement data.
- Improvement idea and suggestion on Jig and Fixture to improve assy quality.
- CMM Measurement method and understand vehicle co ordinates
- Expert with process flow station related to body shop.
- Expert in sheet metal welding like Spot welding and MIG welding.
- Co- ordinate with supplier Quality to drive out supplier quality issue to protect internal customers.
- Implement Product Engineering changes related to the production.
- Proficiency in Statistical Process Control Chart (SPC)
- Knowledge in MSA, G8D,7 QC.

Declaration: I hereby declare that the above given are true and correct to the best of my knowledge and belief.

Date:06.08.2021

Place:Chennai

Yours faithfully,

R.Thamizhkudimahan.