

Karthick k

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Profile

Aiming to be associated with progressive organisation which offers an excellent atmosphere to prove myself by utilizing all my technical knowledge into practice and profit myself by valuable knowledge and experience.

Technical skills

Design software

Creo parametric, Autocad (Creating accurate 2D drawings and 3D models for product design and manufacturing)

SolidWorks (Basic part modeling)

CAD Skills

Part modeling (creating 3D solid from the 2D sketch, applying features like extrude, revolve, and sweep)

Assembly (Bottom up & top down)

Sheet metal design (creating sheet metal components, including bend allowances)

Drafting & Detailing (Applying GD&T and welding symbols with correct dimensions, tolerance)

GD&T & Welding symbols (knowledges of applying GD&T and welding symbols to meet industry standards).

Professional Experience

ZF RANE Automotive Private Limited

08/2023 – 02/2025

Chenglepatu

FINAL INSPECTION Quality department

Roles and responsibilities

Visual & Dimensional inspection

Inspect seat belt webbing, buckle retractor, and anchorage part for defects such as cuts, cracks, and surface damages.

Check alignment, fitment.

function test

Pull and release the seatbelt to see if it locks and retracts properly.

I make sure the belt works smoothly and safely.

Documentation & reporting

Record inspection results in the inspection note, Identify tag and segregate non-conforming parts for rework or rejection.

prepare daily/shift wise inspection reports and communicate to quality engineer.

PEGATRON Technology India Pvt Let

09/2021 – 02/2023

Chenglepatu

ASST LINE LEADER Production department

Roles and Responsibilities

Lead and supervise operators, ensure production targets, report daily production status to supervisors.

Guide, motivate, and monitor line workers, ensure employees follow standard operating procedures (SOP).

Coordinate

communicate daily plans to line leader and management, coordinate with maintenance, quality and other departments for smooth operations.

Training and developments

Assist in training new operators, help team members improve productivity and efficiency.

Problem solving

Identify issues in production processes and implementing corrective actions.

Reporting

Maintain production records, reports, and logs, daily production downtime, and other issues to the line leader.

Projects

Design and working of coconut dehusking machine

By and large, coconuts are dehusked physically utilizing either cleaver or a spike, these techniques required talented work and tiring to utilize.

Education

BE (Mechanical engineering) Shri Andal Alager college of engineering ANNA UNIVERSITY	2017 – 2021 Chengalpattu
HSC (GOVT BOYS HR SEC SCHOOL)	2016 – 2017 Thirukazhukundram
SSLC (GOVT BOYS HR SEC SCHOOL)	2014 – 2015 Thirukazhukundram

Declaration

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