

# Karthick k

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## Profile

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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

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### 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

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**ZF RANE Automotive Private Limited**

08/2023 – 02/2025

Chenglepattu

### 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

Chenglepattu

### 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**

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### **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**

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

## **Declaration**

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I hereby declare that all above information is true to be best of my knowledges.