

# RESUME

**R.RAJESHKANNAN**

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## Career Summary:

- **D.M.E.** with experience in the field of **Automotive industry**.
- Execution of **New Part Development** through **APQP** and **PPAP**.
- Good exposure in **Machining and assembly** process.
- Exposure to latest Tools & Techniques such as **7 QC Tools, FMEA, SPC, MSA, Kaizen, 5S**.
- Having good knowledge on **Supplier Assessment audit & Vendor Development** activities

## Objective:

Seeking a challenging position in the areas of **Quality Assurance** in automotive industries.

**Customer handled:** Harman, Cummins, Tata- Cummins, Cummins turbo technologies, Mando, Rane, Jtekt, Mobis, Nexteer, Rotex.

## Academic Qualification:

<i>Qualification</i>	<i>Board / University</i>	<i>Name of Institution</i>	<i>Month &amp; Year of Passing</i>	<i>% of Marks</i>
Diploma in Mechanical Engineering	Directorate of Technical Education of Tamil Nadu	Elumalaiyan polytechnic college Kollumangudi.	April ' 2016 "First class with distinction"	77%

## Computer Proficiency:

- Working knowledge in **MS office**
- Working Experience in **SAP**
- Working Experience in **AUTO CAD**
- Working Experience **Minitab solution**

## Personal Profile:

Date of Birth &Age	:	15.06.1997
Father's Name	:	R.Rajkumar
Nationality	:	Indian
Languages Known	:	English and Tamil
Marital status	:	Single
Permanent Address	:	Indira Nagar, Perambur, Tharangambadi (T/K), Nagapattinam, Tamil nadu. Pincorde-609402.

## Professional Experience:

<i>Sl. No</i>	<i>Name of the Organization</i>	<i>Period</i>	<i>Position Held</i>
1	<b>Sundaram Clayton Limited.(TVS Group)</b>  An automotive industry manufacturing high precision aluminum die casting and machined parts to supply automobile OEM's such as CUMMINS ,FORD, HYUNDAI, TATA, VOLVO, BMW, NISSAN, DAIMLER & DAF	Jul 2016 to Jun 2019	Diploma Trainee – Quality Assurance (Reporting to manager)

<i>Sl. No</i>	<i>Name of the Organization</i>	<i>Period</i>	<i>Position Held</i>
2	<b>Castwel Auto Parts Pvt Ltd. (MK Tron Group)</b>  An automotive industry manufacturing high precision aluminum die casting and machined parts to supply automobile OEM's such as HARMAN, MANDO, RANE, SONA, YAMAHA, SAMSUNG, JTEKT India, Mobis, Rotex, Nexteer.	Jul 2019 to Till Date	Assistant Engineer –New part development & QAD (Reporting to NPD HOD)

## Job Profile:

### @ Sundaram Clayton Limited & Castwel Auto Parts Pvt Ltd.,

- Preparing all **PPAP** documents for customer approval process.
- Auditing process flow to meet customer requirements.
- Preparing control plan to meet the product requirement to meet customer demand.
- Monitoring and controlling the special parameters of the product through **SPC**.
- Co-ordinate for **ECN implementation** in existing part.
- Providing inputs for the **PFMEA** creation.
- Layout Inspection carried out to check dimensional repeatability in a batch.
  - Prepare number drawing for layout inspection
  - Prepare Layout sample inspection report (CMM Report, Metrology report, Chemical report, Cleanliness report & 3D scanning report)
- Knowledge in studying Co-ordinate measuring machine (CMM) reports.
- Identifying & improving the online gauging area thereby reducing CMM inspection.
- Analyzing critical, major and key dimension through **process capability study**.
- Process audit is done to identify abnormality in the established process condition and correct the abnormalities.
- Check Final inspector capability through **MSA study**.
- Conduct patrol & dock audit inspection for machining and casting parts as per the control plan.
- Handle **instruments such as Contracer, Surface coder Digital Height gauge, Dial gauges, Air plug & Ring gauge, Flush pin gauge and Digital Vernier**.
- Implementing Poka-Yokes and monitoring its effectiveness to prevent complaints.
- Analyze rejection through data collection and study by Pareto diagram and trend graphs.
- Prepare the check sheet for patrol and operator inspection.

**Project:**

“DESIGN AND FABRICATION OF INDUSED DRAFT COOLING TOWER”

**Description:**

A Cooling tower is Hot water convert to cool water. Cooling tower is used to fulfill the purpose of cooling with minimum usage of fresh water. It circulates fresh water for cooling to the machine and used least make up water that is lost due to evaporation. A cooling tower is the equipment used to reduce the temperature of a water stream by extracting heat from water and emitting it to the atmosphere.

**Hobbies:**

- Listening to music
- Chess

**Declaration**

I hereby declare that, the information mentioned above are true and correct to my best of knowledge.

Date:

**(R.RAJESHKANNAN)**