

## CURRICULAM VITAE

### Permanent Address

S.P.Sathiya Kumar  
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Kannankurichi  
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### Present Address

S.P.SathiyaKumar,  
NO 27,10<sup>th</sup> street,  
Vinobaji nagar,Hasthuinapuram  
Chrompet,Chennai-600064  
**Email -  
sathykumar85@gmail.com**

### Carrer Objectives

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self development and help me achieve personal as well as organizational goals.

### Educational Qualification

- 2006 – 2009 B E Mechanical Engineering (with 1<sup>st</sup> class at 68% ) PGP College of Engineering Nammakal , Tamilnadu . India
- 2004 Diploma in Mechanical Engineering (with 1<sup>st</sup> class at 73% ) . Salem . Tamilnadu . India
- 2002 HSC (with 2<sup>nd</sup> class at 52%), B.V.H.S higher secondary school . Salem Tamilnadu . India
- 2000 HSC (with 1<sup>st</sup> class at 65%) St Pauls higher secondary school . Salem Tamilnadu . India

## **Professional Experience summary**

2020 - Till : As a Executive in PED ( M/S Susira Technologies PVT, Ltd ..  
Ambattur ,Chennai

2018 - 2020 : As a Third party inspector(PED) in Ashok Leyland(LAYAM  
FLEXI SOLUTION,CHENNAI)

2013 - 2018 : As a Junior Executive in PED department In M/S Susira  
Industries Ltd .. Chennai

2010-2012 ; As a draftman in CVRDE,Avadi,Chennai

## **Professional Experience - 1**

Year : 2020-22

Designation : Executive in PED

Experience : 3 Years +

Company : M/s SusiraTechnologies, PVT, Ltd.Chennai.

Products Dealing & }  
Manufacturing } : SARTZOL(Coolant Manufacturers),inconel nozzle, check  
valves,bendpipes,etc

Major Customer : Precicomcnc LTD, Ron tech engineering, Balaji  
Base engineering, HI-Tech engineering, Matrix industries,etc

## **Key Roles and responsibility**

- Responsibility for determining the best and most efficient uses of the available resources, including equipment and labor, to meet production goals. They set a budget, assign job duties, determine equipment and supplies required, and build a production schedule.

- Monitor the progress of production, confirming that it stays on schedule and within budget. They meet regularly with production teams and managers to analyze any problems and ensure cost-effective, high quality and timely delivery of products.
- Must always be on the lookout for problems hampering effectiveness. They are expected to develop new and cost effective ways to improve quality and productivity. This could include developing new ways of manufacturing, improving existing manufacturing processes, providing additional training or adopting better manufacturing processes.

### **Professional Experience - 2**

Year : 2018-20

Designation : Third party inspector

Experience : 2 Years +

Company : **LAYAM FLEXI SOLUTION(ASHOK LEYLAND)**

Products Dealing & }  
 Manufacturing } : Idler shaft, idler gear, pushrod, tappet, etc

Major vendor Base : MINDA SAI ,MOTHERSON, KVS, CHENNAI FORGE, ETC

### **Key Roles and responsibility**

- Raw material inspection - Review of Test certificates with respect to Standards & P.O
- Witnessing Mechanical test in laboratories - Tensile, Impact, Hardness & Bend test

- Inspection of valves, pipes, fittings, pressure vessels, skids, tube bundles etc.
- Fit up Inspection, Welding Visual Inspection, welding parameter monitoring.
- Review and Approval of Inspection test procedure.
- Vendor assessment, Expediting & Pre dispatch inspection

### **Professional Experience - 3**

Year : 2013-18

Designation : **Junior Executive in New product development department .**

Experience : 5 Years +

Company : **M/s Susira Industries Ltd.Chennai,**

Products Dealing &	}	:Engine valve Push Rods, valve-seats, Valve spring Retainer, Tappet. Socket Cam Follower, Etc
Manufacturing		

Major Customer Base : Tata motors, Ashok Leyland, Cummins India ltd, Mahindra&Mahindra, Caterpillar, Iveco, Mahindra Navistar Ltd, Scania, Same Deutz

### **Key Roles and responsibility**

- **Developing customer base** : Communicates with customer to establish performance goals and objectives and discusses material and design alternatives with customer design engineers

- Closely Works with supervises and engineering tech(s) in **Developing prototypes for complex products and/or processes.**
- Selects optimal material to meet customer functional requirements and balances customer and manufacturing requirements to optimize geometry for manufacturability
- **Designs experiments for testing and verification plans for new products,** and coordinates tests of prototype or existing production parts. Performs Failure Mode and Effects Analysis (**FMEA**) and documents test results and prepares statistical and analytical summaries, using both standard and ad hoc formats.
- **Operates CAD software to** generate highly complex drawings based on design specs, to fulfill customer requirements
- **. Dimensional Reports :** Prepares customized reports, analyses or technical bulletins for customers as requested or as appropriate to document performance characteristics under various operational conditions. May prepare technical documentation or white papers for marketing materials.
- Conducts or supervises **Field testing** at customer location, and participates in product development meetings with customer engineers
- Developing out side vendors base
- Responsible for development, troubleshooting and enhancement of multiple existing products to improve performance and customer satisfaction
- Coordinates transfer of significant new products from design to production and collaborate with manufacturing engineering, process engineering, quality and other disciplines to ensure consistency of quality output, within tolerances established by customer
- Prepares the Project reports and status report based on customer needs .

## **ACHIEVEMENTS:**

- To achieve the surface finish in the hero motors push rods.
- Developing the thermal power plant nozzle in toughest inconel material.
- Reduce the cycle time of the inconel nozzle.
- To developed the check valve in the application of piston cooling nozzle

## **Professional Enchancement**

- AUTO-CAD 2010
- PRO-E 2.0
- SPC
- 5S
- 7 QUALITY TOOLS

## **MACHINERY HANDLINGS**

- CNC MACHINE
- HOT-FORGING
- COLD-FORGING
- INDUCTION HARDENING
- GRINDING MACHINE

## **MEASURING INSTRUMENTS' HANDLINGS**

- VERNIER, MICROMETER, HEIGHT GAUGE
- PROFILE PROJECTOR
- CYLINDRICITY TESTING
- CONTOUR GRAPH
- HARDNESS TESTING MACHINES

**Personal Details**

Father's Name – V.S.Parthasarathy

Mathers Name – P.Kasthuri

Date of birth – 20.02.1985

Maritial Status – Married

Language Known – English ,Tamil and Japanese

**Declaration:**

\_I hereby declare that above mentioned particulars are true to the best of myknowledge and belief.

Place :

Date :

**(S.P.SATHIYAKUMAR)**