

## **RESUME**

### **NATARAJAN. R**

#### **OBJECTIVE**

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Challenging position in a growth-oriented organization, which offers diverse job responsibility in mechanical engineering using my skills as a responsible, efficient motivator of successful engineering teams.

#### **PERSONAL PROFILE**

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Father's Name	:	S. Rasu
DOB and Age	:	21 <sup>st</sup> May 1994 & 25
Languages known	:	Tamil and English
Contact Information	:	2/129, Muthuraja Street, Ponnusangampatty (PO), Thuraiyur (Tk), Trichy (DT). 621206
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#### **Summary of Skills and Experience**

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- 5.5 Years of Experience in Production Planning and Control.

#### **Key Skills**

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Production M/c Operating NX9, Cimco Software Effective Communication	CNC & VMC Machines Expect Quality Issues Resolving Process Sequence Follow-up	Master CAM Programming Lean Manufacturing 5S Activities
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#### **Organizational Experience**

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##### **1. Bonfiglioli Transmissions Pvt Ltd**

Working as a Trainee – Production in Bonfiglioli Transmissions Pvt. Ltd., Chennai from Dec 2014 to Dec 2016. Bonfiglioli is an Italian based organization, Leader in Wind, Mobile & Industrial application Gear Box manufacturing with a Group turn Over of Above 4000 crores.

##### **Major Responsibility:**

- Operating Multi-Axle systems by CNC & VMC machines like Turning & Milling.
- Handling changeovers for various type of products around 50 components.
- Observing drawing requirements for 2D & 3D Drawing.
- Quality inspection by Self-checking as per the given measurements.
- Maintain Reports with proper regulations like Control chart, Prod. Achievement etc.,
- Followp next change over preparations in before of process start based on TPS.
- Coordinating sub-sequent process for the components machining & Plan.
- Handling various kind of quality instruments like Vernier, Micrometer, Bore Dial, Groove Dial, Height Gauge, Slip Gauge, Position Gauge, Plug Gauge, Thread Gauge, Etc.,
- Ensuring high level of accuracy for critical measuring instruments to avoid Errors.
- Following tools with respect to required operations from Tool Crib based on Tool Sheet.
- Maintain life sheet report based on fixed target life for the tool.
- Ensuring Check Sheets & Control sheet for maintenance activity.
- More Depth of knowledge in GD&T (Geometrical Dimension & Tolerance).

## **2. TAG Corporation Pvt Ltd**

Working as a Operator – Production in TAG Corporation., Chromepet, Chennai from Dec 2016 to May 2018. TAG Corporation is an Indian based organization, Leader in providing Hardware & accessory expertise to High Voltage Power Transmissions domain.

### **Major Responsibility:**

- Working CNC & VMC machines by AMS, LMW.
- Handling change over activity by “Operating Setter” for Whole Machines.
- Setting & Process correction in most valuable machines like “HURCO & AMS”.
- Working Assembly operations for Earthwire & Conductors Accessories.
- Preparations for change over products based on Subsequent process.
- Ensuring Every dimension for Quality measurements with 1mm Tolerances.
- Handling various type of machines like Manual Drilling machine.
- Ensuring 100% Scrap accountability.
- Ensuring Re-works for the Quality deviations parts.
- Maintain OEE Data with respect to 100% Accuracy.
- Maintain tool life data for Inserts.

## **3. Newtech Auto Component Pvt Ltd**

Working as a Operator – Production in Newtech Auto Component., Thirumudivakkam, Chennai from May 2018 to Oct 2019. Newtech has rich experience in manufacturing wide range of machined Components for Braking, Kunuckle & Different kind of Automotive Parts.

### **Major Responsibility:**

- Working CNC & VMC machines by FANUC & SIEMENS control.
- Handling New Product components setting by various type of Parts.
- Strong manual programming in CNC & VMC machines.
- Fixture Manufacturing for small level of components like Hollow cylinder clamping method.
- Working very complicated operations like angle cut, boring bar, etc.,
- Maintain life sheet report based on fixed target life for the tool.
- Ensuring Check Sheets & Control sheet for maintenance activity

## **4. Accurate Steel forging Pvt Ltd**

Working as a Supervisor – Production in Accurate steel forging., Poonamalle. Chennai from Oct 2019 to till the date. Its one of the prominent manufacturers and export of metal forging & machined parts to Earth moving, Agriculture, Locomotive & Constructions Equipment's.

### **Major Responsibility:**

- Generating Program for VMC machine based on Master Cam software.
- Preparing 2D & 3D Drawings, Generating tool path & program generation through NX 9, Master cam software's.
- Continues Improvement for Quality, Productivity & Setting change over time reduction.
- Preparing Inspection report for Production manufactured components.
- Accountability for OEE report updation.
- Follow-up with various user departments for change over, Materials & Quality.

### **Key Deliverables**

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- Cycle time reduced for variable components from existing one, like Forging part
- Manpower handling for machine shop.
- Setting change over activity improvements.
- Strong knowledge in manual programming for CNC & VMC.
- Fixed permanent problem solving & Quick Decision maker.
- Innovating thinking & Self-motivated from smart work.
- Ability to Work 100% of accuracy with type of job and easily adapt team work.

## SCHOLASTICS

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### B.E./ Mechanical Engineering.

- BE, Mechanical Engineering in Satyabhama University, Chennai with an aggregate of 65.80% April 2018.
- Diploma Mechanical Engineering in Imayam Polytechnic collage, Thuraiyur with an aggregate of 82.18% May 2014.
- Hr. Sec. in Government Higher Secondary School, Kannanur with an aggregate of 63.08% April 2012
- SSLC in Government Higher Secondary School, Kannanur with an aggregate of 75.40% April 2012

## PROFESSIONAL PROFILE

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### PROJECT WORK:

**Main Project:** Evaluation of Mechanical Behavior of Rice Husk and Silicon Dioxide Reinforced With Epoxy Resin Matrix

**Mini Project:** Fabrication of Magnetic Shock absorber.

### SOFTWARE PROFICIENCY:

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Tools : Auto Cad, Master CAM, NX 9.

### Internship Training

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Internship Training at Ashok Leyland, Namakkal for a Period of Dec'2013.

### Workshop Training

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Attending workshop program about "Steering and working method" on Imayam Collage of Engineering by 1 day.

### Active Membership

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- ✓ Indian Society of Mechanical Engineers.

Place : Chennai

Date :

[ Natarajan. R]