

CURRICULUM VITAE

RAJESH R

Mechanical Engineer

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CAREER OBJECTIVE:

To obtain a suitable position in the Manufacturing & production, where I can apply my knowledge to the growth of the industry with utmost commitment & integrity.

PROFESSIONAL EXPERIENCE:

A competent professional with **4 Years 10 month** of experience in **Quality control and Quality Assurance** on Automobile components and hydraulic cylinder components manufacturing.

EDUCATIONAL QUALIFICATION:

Course	Name of the Institution	Board/ University	Year of Completion	Aggregate
B.E MECHANICAL	T.J.Institute Of Technology	Anna University	2014	6.46 CGPA
H.S.C	Raja Muthaiah Higher Secondary School	State Board	2010	69%
S.S.L.C	St. Joseps Higher Secondary School	State Board	2008	83%

TECHNICAL EXPOSURE:

- Problem analyzing and find out the root cause and solve the problem,
- Give the suggestion to vendor for corrective action to ignore errors,
- Vendor evaluation & vendor development by using **QC tools**,
- Housekeeping in my working environment by using **5S**,
- Design the fixtures and Gauges for fool proof inspection,

TECHNICAL SKILLS:

- Technical Packages: **All modeling software basics like Auto CAD, PRO/E, and CATIA, etc...**
- Tools: MS-Word, MS-Excel, MS-Power Point

ENGINEERING PROJECTS:

MINI PROJECT : Design And Fabrication Of Sprocket Side-Stand Retrieve System.

DESCRIPTION : Today automobile plays important role specially two-wheelers plays major role. Even though they are very useful there are some sad events like accidents due forgetting of lifting side stand, so by considering that we undertaken the project titled **sprocket side stand retrieve system** is designed based on the working principle of bike. Since all bike transmit power from engine to rear wheel by means of chain drive. Since designed setup is kept in between chain drive, setup rotates and side stand get retrieves automatically.

MAIN PROJECT : Mechanical Power Press Group Drive System.

DESCRIPTION : In modern manufacturing world drive's plays important role in production of various parts. Most drives are costly and consume more power. Even though they are useful there are some disadvantages like wastages of power loss, less production, and time consuming. To rectify this problem many advanced measures have taken but they are not up to the level of satisfactory. So considering that and to reduce power loss and increase the productivity we undertaken the project titled **Mechanical Power Press Group Drive System** is designed based on the working principle of mechanical power press and group drive mechanism. In this project power from a single motor drive is transmitted to several power presses.

EXPERIENCE DETAILS:

Organization	:	NOVEL TECH ENGINEERS PVT LTD.
Designation	:	Quality control Engineer
Period	:	1 Year 3 month (Dec 2014 - Feb 2016)
Organization	:	GLOBUS SPARES PVT LTD.
Designation	:	Assistant manager - Quality control VMC Programmer for SIEMENS control CNC Setter for FANUC control
Period	:	3 Year 7 month (From 02/03/2016 to 23/09/2019)
Client	:	TOSHIBA MACHINE (CHENNAI) PVT LIMITED. SUNDARAM HYDRAULICS PVT.LTD., etc.

JOB SUMMARY:

- Working Knowledge in Quality Control Department.
- Determining our products quality through inspection.
- Bring process improvement to avoid errors & to reduce rejection rate.

- Controlling quality by Vendor development, Vendor auditing and using process control tools like flow chart, control plan.
- Communicating with the vendors regularly and giving feedback immediately.
- Analyses the problems on Pistons, cylinders, drive shafts and precision components and find the Root cause for the problems.
- Follow up the vendor for corrective and preventive action for the problem(CAPA),
- Giving ECR (Engineering Change Request) for design change and improvements. It reduces machine assembling time.
- Reducing defects per machine (DPM) to Zero.
- Initiating corrective and preventive action,
- Preparing SOP (standard operating procedure) for instruments and ISR (inspection standard report) for components.

PERSONAL PROFILE:

Father's Name : MR. C. RADHAKRISHNAN
Date of Birth : 10-12-1991
Gender : Male
Nationality : Indian
Languages known : Tamil, English,
Permanent Address : 3/15 F, Mettu Street,
Chinnandi kuppam, Vettuvankeni,
Chennai-600 115.

REFERENCES:

Mr.C. Raghu
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Globus Spares pvt. Ltd.
Chennai

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

R RAJESH