

Durgasi Sharat Reddy

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**Career Objective:**

To serve a reputed organization by utilizing my skills and knowledge to the best of my abilities and contribute positively towards the growth of the organization.

Professional experience:

Mangle engineering ltd. (May 2017- present)

SKILLS AND EXPERTIES –

- Develop 2D mechanical drafted drawings using AutoCAD.
- Develop 3D mechanical designs using CREO parametric, which includes casting and machined components, assembly models, plastic injection molding models, sheet metal, rendering models, mechanism designs with animation, drafting.
- Plant 2d layout design and work flow design.
- Documents – PPAP, APQP, ECN, BOM on ERP (TCS-ion software), MOC.
- Control tools and apply basic engineering principles to perform routine design and evaluation.
- Testing of products and validating it.
- Develop & implement SOP's document for Safety, Quality, Cost and Productivity.
- GD&T of components.
- Member of internal audit team for ISO 9001:2015.
- Quality assurance and Quality control all process (IQC, OQC, In process inspection, PDIR reports, Rejection review and analysis through DWM)
- Calibration of gauges and maintaining the records, certificates with history.
- Work related to quality and design on ERP System- TCS ion software.
- Microsoft excels, PowerPoint, word, outlook.

S & H Gear's pvt. Ltd.

Apprenticeship as a mechanical engineer from June/2016 to April/2017.

- Developed a basic working knowledge of gears, pumps, motors, hydraulic systems and pneumatic system.
- Reviewed design and drawings of different mechanical component.

Academic Details

- Bachelor's in Mechanical Engineering, Mahakal Institute of Technology, Ujjain, 2016 with CGPA 6.71.
- Senior secondary, King George H.S., Dewas, with 61.2% marks.
- High School, Vindhyachal Academy, Dewas, with 70.8% marks.

Skills, Expertise & Certification:

- Certified in Designing cad Software's Pro-E/CREO, Auto CAD & basic Catia.
- Advance mathematical capabilities
- Master Diploma in Computer applications.
- Basic c and c++ languages.
- Provided personal tuitions for Designing software's to Mechanical and Civil Engineering Students.
- Effective oral/verbal communication.

Vocational Training(s):

- **Cummins Turbo Technologies, Dewas** **Aug 2015**
Designing of Fixtures
Responsibilities included designing of the fixtures for the turbine housing bush pressing machine.
- **Kirloskar Brothers Ltd. Dewas** **Jul 2015**
Study of maintenance procedures in plant
Studied all maintenance related procedures including maintenance planning, scheduling and implementation of preventive maintenance schedule.
- **Gajra Gears Ltd. Dewas** **Jul 2014**
Study of production flow
Assisted the production officers and operators for day to day production planning, observation of cycle time and complete study of assembly line.

Minor Project Details:**Study of secondary air injection system for emission controls in IC engine****Responsibilities:**

- Worked for minimizing the amount of pollutants such as CO and unburnt HCs from the exhaust of two wheelers.
- Used secondary air injection technique which provides extra air through pump directly in the exhaust so as to provide more oxygen to CO to convert into CO₂.
- Responsible for providing the assembly of project as well as for the design of project.

Major Project Details:**Design and fabrication of secondary injection system for emission controls in IC engine****Responsibilities:**

- Implemented the design model for the working project.
- Responsible for welding work and assembly.

Extra-curricular activities & Achievements:

- Participated two times in BAJA SAEINDIA 2014 & 2015
- Participated in various inter school and college level cultural activities.
- Participated in various sports competitions.

Strengths:

- Ability to work well independently as well as a team member.
- Able to elicit trust and confidence in people.
- Always eager to learn.
- Adaptable, Focused, Hard Working & Honest.

Hobbies:

Designing Software's, Playing Cricket & Football, Listening music, Sketching, Traveling.

Personal Details:

Date of Birth: 30th March, 1993

Nationality: Indian

Father's Name: D.D. Reddy

Languages Known:

English, Hindi and Telugu

Declaration:

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