**SURESHMANI.M**

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**PROFESSIONAL EXPERIENCE**

**15 YEARS OF EXPERIENCE IN MECHANICAL ENGINEER**

**DESIGN AND DRAFTSMAN, CAD FACULTY TRAINER, & PRODUCTION**

**EDUCATION**

* Diploma Mechanical Engineer – July 2009 to June 2011
* B-Tech Mechanical Engineer – Sept 2012 to August 2015

**Career Objective:**

To obtain a challenging position in a high-quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

## Key Skills: -

## AUTOCAD & SOLIDWORKS: - 2D Drafting & 3D solid modelling, Creating Layout, BOM Preparation, Engineering Drawing, Documentation, part & Assembly design, sheet metal, machine design, steel structures, Tool & dies, Piping isometric, Jig & Fixture, Material Handling equipment, GD&T Symbols, Welding, Surface Finish, Calculations, Cad Conversion,

## Worked Industry: -

## Industrial Equipment / Machinery / Iron & steel Metal

## CADD Training Institute

## Engineering & Manufacturing & Production

## Solar water heater / Toughened Glass/ PV Lighting System

## Furnitures,

## Advertising & Marketing, sales, social media, Market Places,

## Cold Forging / Lubrication Systems / Vacuum Equipment Systems

## Job Profile: -

* As per PO copy based on planning projects design based on Customer’s requirement
* Prepare 3D modelling considering manufacturing feasibility and release manufacturing drawings for new development
* Corrections to the existing 2D drafts which involve the changes in manufacturing details and the materials used.
* Knowledge about Design Calculation, GD&T and P&ID, PFD, Mechanical Symbols used in manufacturing process
* Preparation of detailed fabrication drawing of equipment’s with Detail engineering of Mechanical Equipment layout
* Development of solid model using industry standard software applications
* 2D Details from the 2D assemblies, Ability to understand & Design technical drawings
* Maintain all standards for drawings, templates and design
* Reverse engineering of existing parts and prepare 3D model for localization projects
* Responsible for submitting the drawings to planning and manufacturing department
* Responsible for generation of Assembly drawings and bills of materials
* Draft and prepare layout drawings of the given structures, components, BOI and BOM
* Drawing for parts and components using Solid words and AutoCAD 2D
* Manufacturing drawings and 2D drafts using reverse engineering methodology on existing components.
* Visiting Customer place for Project discussion as per the Drawings, Measuring the systems, Assembly Design, Component Design, Detailing, Generation of As-Build drawings & Reverse Engineering

**ORGANISATIONAL EXPERIENCE**

**Own Business & CAD Faculty Trainer & CAD Design Service (June ’2019 to still now)**

**COMPANY NAME: -** RANVACTECHNOLOGIES PVT LTD

**Designation: -**  Mechanical Design Engineer

**Duration:** - (April ’2016 to April’2019)

**Manufacturing & Products: -**Gloveboxes, Vacuum chambers, Components, Vacuum Flanges, Pumps, Valves,

**COMPANY NAME: -** OMS WOOD & STEEL WORKS FURNITURE

**Designation: -** Furniture Design Engineer

**Duration:** - (April’2012 to March’2016)

**Manufacturing & Products: -** Home & Office Furniture, Steel racks, Office Cabinets, Wooden Pallet

packing box,

**COMPANY NAME: -** LINCOLN HELIOS INDIA LTD

**Designation: -** Sr Draftsman Mechanical

**Duration:** - (July’2010 to April’2012)

**Manufacturing & Products: -** Spray systems, Pumping equipment, Lubrication system

**COMPANY NAME: -** GENAU EXTRUSIONS LTD

**Designation: -** Mechanical Junior Engineer Design

**Duration:** - (Sept’2008 to Aug’2010)

**Manufacturing & Products: -** bearings, cold forgings, four-wheeler automobile spare parts, housings,

Roller, tappet bodies, gears, drive components, etc

**COMPANY NAME:** EMMVEE SOLAR SYSTEMS PVT LTD

**Designation: - Mechanical** Draftsman

**Duration: -** (May’2006 to Sept’2008)

**Manufacturing & Products:** - Solar Water Heating system, Photovoltaic Modules,

Date:

Place: (**SURESHMANI.M**)