

RESUME

SURESH MANI. M

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Professional Summary

- ✚ Mechanical Engineer 8+yrs Exp in **CAD** 2D Drafting, 3D Modeling, Part & Assy, Layout drgs & 2yrs Exp as **Production Supervisor**, worked in (Industrial Products, Heavy Machinery, Structural Fabrication, Automotive, Piping, & Furniture's, Manufacturing Industry)

Employment Details:

- Working with AAPL Pvt Ltd. as **Sr.CAD Engineer** from Feb '2014 till date.
- Worked with Lincoln Helios India Ltd. as **Mechanical Draftsman** from Jul '2010 to Apr '2012.
- Worked with Genau Extrusions Ltd. as **Junior Engineer** from Nov '2008 to Jul '2010.
- Worked with Emmvee Solar Systems Pvt Ltd. as **Mechanical Draftsman** from May'2006 to Nov '2008

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| Software Skills | AutoCAD 2013, Catia V5, Solid Works 2007, |
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Profile Summary:

- Proficiency with 3D CAD software (AutoCAD, Catia & Solid Works)
- 2D Detail drafting experience (creating detailed drawings from models)
- Understanding of engineering and mechanical design processes and terms.
- Mechanical design, Industrial design or tooling design experiences a plus
- Tool Design Component Design & Detailing, Generation of As-Build dwg & Reverse Engineering
- Steel Structure Detailing, Foundation drawings 2D Drawing generation from 3D, lay outing & Sketching
- Generating design concepts, 3D models, and 2D drawings for various mechanical products
Fabrication Drawing, General Assembly Drawing, Machine Drawing, Manufacturing Drawing, part to CAD
- Workshop Knowledge for the machine surface grinding, Drilling, Filling, Cutting, Fitting & Assy
- Managed shop floor of approximately 10 to 30 people and production activities
- Management of assigned production shift & Handling Production area Housekeeping

Company Profile:

AAPL PVT LTD

Bangalore

Airframe Aero Design pvt Ltd. is a young company incepted in the year 2009 towards providing exact technical solutions in CAD, CAE and CFD. The Company being started up by first generation entrepreneurs has been able to provide Engineering solutions to various industries pertaining to Aerospace, Automotive and Mechanical disciplines.

Industry: **Engineering Project Consultants**

Tools: AutoCAD, Catia, SolidWorks

Team Size: 10

Job Profile:

- Project work:** Equipment Structure, Heat Exchanger, Piping
- 2D drafting AutoCAD & Generation of manufacturing drawings
 - Design Modeling with CATIA/Solid Works - Structure & Surface modeling
 - Capability to read and Understanding, isometrics, layouts, plan and elevation drawings
 - Coordinate drafting workload with team and project managers as needed to support the Work requirement

LINCOLN HELIOS INDIA LTD,

Lincoln is the world leader in the manufacturing and sale of lubrication and pumping equipment for industrial use. Founded in 1993, the company is based in Bengaluru, India.

Industry: Lubrication & Pumping Equipment Manufacturing

Tools: MS Office, SAP, AutoCAD, SolidWorks

Team Size: 2

Job Profile:

- Project work:** - Pump, Baseplates, Spray panels, Control panels, Spray nozzle, pipe Fittings
- Preparation of Engineering Drawings, documentation for the project as per requirements
 - Schematic, GA, P&ID, Piping layout, Release of drawing for Mfg/Procurement Activity.
 - Preparation of Operational & Maintenance Manual as required by Customer
 - Manufacturing drgs for Base plate, pumps and Assy & Detailing parts in AutoCAD
 - Creating BOM in SAP Entry in System

GENAU EXTRUSIONS LTD

Genau Extrusions Ltd. (hereafter Genau) was established in the year 1995 with the objective of producing net shape or near net shape forged/extruded components through indigenously developed cold forging techniques and related lubrication and heat treatment technology.

Industry: Cold Extrusions, & Forging, Manufacturing

Tools: AutoCAD 2D, 3D, MS Office, Solid works

Team Size: 4

Job Profile:

- Project work:** - Gears, Drives, Rollers, Tool Dies, Shafts, Sleeves, base plate, jig & Fixtures
- Preparing Process chart, Work shop Layout, detail Assy drawings, Standard BOM drgs
 - Drafting & Modeling of product and Tool, Dies, Shafts, Sleeves, base plate using AUTOCAD

EMMVEE SOLAR SYSTEMS PVT. LTD

In 1992, Mr. D.V. Manjunatha founded the company EMMVEE Solar Systems Pvt. Ltd. in Bangalore, India, starting its activities in the solar water heaters production with sales and marketing office in India. EMMVEE has grown to be the largest manufacturer of Solar Water Heating Systems in India and probably in Asia.

Industry: Solar Water Heater, Photovoltaic, Toughened Glass,

Tools: MS Word, AutoCAD-2D, 3D,
Team Size: 2

Job Profile:

- Project work:** - Buffing Stand, Mobile Crane, Distilled Water Tank, Structural Frame, Solar Panels, Aluminum Frame Collector, Heat Exchanger, Ladder
- Preparing Assy & Detail drawings of Structural Fabrication & machinery, Jigs fixtures Drgs
 - Conducting internal Audits and Maintaining Documents Files

Education Qualification:

(SSLC) ST JG Margaret High School Bangalore -Passed out in the year - **2001 March**

(ITI) Fitter

KKMP Institue Bangalore- Passed out in the year - **2003 July.**

(DME) Diploma in Mechanical Engineer

IASE University Rajasthan – Passed out in the year - **2011 June.**

(B-Tech Mechanical) Bachelor of Technology

KSOU University Mysore – Passed out in the year - **2015 August.**

Personal Details:

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| Date of Birth | : 16-12-1983 |
| Languages Known | : English, Hindi, Kannada, and Tamil |
| Address | : No-11,14th Cross Masjid -E – Mukaram Road, Bhuvaneshwari Nagar R.T Nagar Post Bangalore -5600032 |
| Extra-Curricular Activities | : Badminton, Chess, Carom, Bike Riding, etc. |

Date:

Place: Bangalore

(SURESH MANI. M)