**GURUPRASANNA NV**

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**PROFESSIONAL SUMMARY**

* Highly experienced in developing 3D models, drafts and solving problems for mechanical R&D projects and successfully manufactured SPM machines for Mining, Manufacturing, oil & gas and pharmaceutical industries.
* Dynamic at coordinating tasks, managing team and resolving problems to accomplish the projects with timeliness hence respond to the challenges critically and creatively.

**HIGHLIGHTS**

|  |  |
| --- | --- |
| * CATIA V5 | * Design for Manufacturing and Assembly |
| * Solid Works 2016 | * Sheet metal |
| * Autodesk Inventor * AutoCAD 2016 * Ansys 17 * Microsoft Office 2016 * PDMS 12 | * Geometric Dimensioning and Tolerancing * Problem Solving * Leadership * Analytical * Machine Design |

**EXPERIENCE**

**SH Engineeirng, Bangalore**

**Role:** Design Engineer-SPM – (Jan 2018 – Present).

**Aarna Solutions, Bangalore**

**Role:** Sheet metal Design Engineer – (June 2016 – Present).

**Responsibilities:**

* Gathering information and materials to illustrate a concept by designing rough layout of components and copy regarding arrangement, size, type, style and related aesthetics.
* Performing machine related calculations manually, hence selecting the correct components for the machine.
* Pump and Motor selection, Gearbox selection, Hydraulic power pack selection of machines and manual calculation for all the accessories selected to prove all the materials are chosen properly.
* Designing working 3D models and assemblies by using 3D tools to prove the benefits to potential customers with a close enough experience.
* Meeting with client to review the design, hence ensuring the design meets client requirement.
* Discussing with vendors and implementing the corrective action processes to reduce the cost, improve the product quality and manufacturability.
* Create 2D shop drawings for parts, large assemblies, and BOM for the entire manufacturing process.
* Supervise production and inspecting the components to ensure the design standards, size, finish etc.

**SLV Industries, Bangalore**

**Role:** Production Supervisor Intern - 1 Month (2015).

**Responsibilities:**

* Supervise effective working of production personnel and prepare effective production schedules and ensure compliance to all company policies.
* Coordinate with equipment and process teams and ensure compliance to all protocols and maintain product quality.

**EDUCATION AND CERTIFICATION**

**B.E. (Mechanical Engineering) –** (2012- 2016)

* College - Shri madhwa vadiraja institute of technology & management – Udupi
* Percentage - 64.75%
* Catia V5 and Solid Works tool Certification from CADD Centre.

**PROJECTS**

**Hydraulic Cylinder Repair Work Bench (HCRB – Telescopic Bench Type)**

**Software’s:** AutoCAD, Solid Works, Autodesk Inventor and Microsoft Office.

* Developing a HCRB machine with telescopic arrangements hence making it to acquire less space without disturbing its original function and the machine consumed 46% less space than the old machine.

**Automatic Tablet Counting and Weighing Machine**

**Software’s:** Catia V5, Solid Works, and Microsoft Office.

* The aim of the project is to count and weigh each tablet using the bowl feeder system.

**Design & Development of Portable Milling Machine**

**Software’s:** Catia V5, Solid Works, and Microsoft Office.

* With 3 axis movements this machine is used to do the milling operation directly on the site.

**Auto feeder 4 FT Veneer (Veneer feeder System)**

**Software’s:** Solid Edge, Catia V5, and Microsoft Office.

* This system is used to feed the veneer to each conveyor system automatically, hence avoiding the manual work.

Other project includes online continuous crushing strength checking machine for TATA Steel and other 3 SPM projects.

**Declaration:** I hereby declare that the above information is, to the best of my knowledge, complete, accurate and true.

**- Guruprasanna Nv**