

RESUME

MAHESHA.V
(Mechanical Design Engineer)

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CAREER OBJECTIVE:

Seeking to work and build a career in Mechanical Design Engineering where my professional skills will be productively utilized. My knowledge in piping routing and Mechanical design will be enhanced in providing best results for the company.

EDUCATIONAL BACKGROUND:

- B. Tech in ME from Don Bosco Institute of Technology, affiliated to VTU, Bangalore.
- PUC in PCMB from Sri Danamma Chenna Basappa Collage, District.
- SSLC from Govt Junior Collage Mulbagal Kolar District.

PROFESSIONAL OVERVIEW:

- A highly skilled and multi-faceted professional with over 6 years of demonstrated expertise in Refrigeration systems as a Design Engineer.
- Having excellent knowledge on designing of Piping & Valve accessories in Refrigeration systems.
- Development of 2D&3D CAD models and assemblies based on the approved concept marketing drawings
- Preparing detailed bill of materials for the individual orders projects and coordinating with engineering technician to release the bill of materials in ERP software BAAN for the production.
- Good knowledge on component selection for different refrigerants used in refrigeration system.
- Have knowledge about Teamcenter Activity such as kit and Part Creation by doing the Sheet metals drawings also.
- Good Knowledge in GD&T applicable on projects.
- Proficient in 2D&3D of sheet metal design as per ASME Std.
- Good knowledge on Refrigeration components like Compressors, Heat exchangers, Accumulators, Sub cooler, Receivers, Condensers and Fans, Pumps, driers, Filters, Valves etc.
- Continuous communication with Production team in US to improve documentation.
- Continuous communication with Production team in US For new product

development, R&D projects Compressors, Heat exchangers, Receivers, Condensers and Fans, Driers, filters, Pressure controlling Valves, Pumps.

- Continuous support to the production team in US Counterpart when any changes needed in designs & issuing ECL & Parts add under change management system.
- Filling out the 5 why documents for the production issues and miss shipment dates of orders to find out the root causes.
- Equipped with good Basic Mechanical and Electrical Engineering Knowledge.
- Dedicated working skills and Proven ability to meet strict deadlines.
- Working well under pressure with minimal supervision.
- Self-motivated, organized, proactive and time managing capabilities.
- Effective team player with problem solving skills.

OCCUPATIONAL CONTOUR:

1. Presently working with HUSSMANN Services India LLP, as Mechanical Design Engineer from August-2018 to till date.

- Preparation of production drawings & BOM for "Parallel Rack Refrigeration system.
- Handling the entire design activities for H-Series, OLP System, Glycol pump station, condenser skids, Data Base, Non-Traditional Request & COD request.
- Supporting for custom order design (COD)-Execution of customer specific projects with very minimal time. (Prior to the order- this drawing will place significant role to grab customer orders).
- Independently handling for non-traditional Requests -NTR. That demands quick understanding of customer requirements and on time delivery with quality by meeting design standards
- Handling the Critical customer like WALMART-Sam's Club, BJ's, AMAZON, HYVEE, HEB- CDRH, BIG-Y, ALDI - CDRU.
- Supported for New product development (NPD) – adapting to continuous changes happening in market to build a new product which is efficient and to the new standards also price.
- Constant interaction/discussion with Engineering, production team and application engineering team in order to troubleshoot issues
- CAD data management and documentation of all projects.
- Fixing production/floor issues with American counterpart design and manufacturing engineers.
- Helping application engineers, based on their requests.
- Independently Supporting for variety of design teams like Customer Order Delivery (COD), New Product Development (NPD) and Non-Traditional Requests (NTR).
- Need to report projects activities to onsite team.
- Having regular calls with Engineers in US counterpart for smooth functioning of production.

2. Previously worked with Shree Dhaneshwari engineers, as Mechanical Design Engineer (Project engineer) from June 2016 to August 2018.

- Responsible for complete Mechanical Piping/tubing designs & Drawings, BOM and getting approval from clients/consultants.
- Complete Knowledge of handling design, execution, commissioning and testing of On-Site Turkey projects.
- Review design of piping system and execution of ALDS Projects, Cold room, Pump Room (pump bed, Erection of pumps,), Firefighting work (Vidhana Soudha, City Civil Court, KPTCL), Bullet Installation, Manifold system, layouts etc.
- Preparation of BOQs, Comparative statements, Reconciliation reports
- Responsible for execution of Mechanical Piping works, Quality standards, specification and safety guidelines etc.
- Complete structural works for commercial buildings like pergola and interior design.

PROJECTS HANDLED:

1. COMMERCIAL: ALDS SYSTEM

1. Complete project handling like Project estimation, routing, BOM, Piping, Tubing and Erection, commissioning and testing.
2. Methodology ensuring Quality standards and safety requirements.
3. Inspect Quality materials delivered at site as per specifications,
4. Responsible for execution of Mechanical Piping works, As per the Quality standard and specification

2. COMMERCIAL: RACK (COMMERCIAL REFRIGERATION)

1. Design of Mechanical for refrigeration systems based on different refrigerants like CO2 and R404A, R407A/F, R448A.
2. Selection of different compressors based on customer load & different climatic conditions.
3. Handled entire design activity including Routing in Auto CAD and Solid Edge.
4. Creation of Bill of material for all the components which uses in projects.
5. Regular call with onsite engineers to clarify issues & clarification on project for smooth function of projects.
6. Activities on the project Part Addition, Deletion, changelogs, kit and Part creation in team-center, BAAN activities.

Software Knowledge:

- AutoCAD
- Solid Edge
- Solid Works
- Creo
- BAAN

- Team Center (PLM)

STRENGTHS:

- Team co-ordination
- Good grasping power.
- Hard work nature & discipline
- Ability to work under stress
- Positive thinking on work

PERSONAL PROFILE:

Name	:	Mahesha. V
Father's name	:	Venkatachala. V
DOB	:	11/07/1993.
Gender	:	male.
Marital Status	:	Single.
Nationality	:	Indian.
Permanent Address	:	Mahesha. V, S/O V. Venkatachala, Near Balechangappa School, #24 Hosapalys, Mulbagal- 563131, Kolar Dist. Karnataka.
Languages Known	:	Kannada, English, Telugu, Tamil, Urdu and Hindi.
Areas of interest	:	Designing of Mechanical Systems

Declaration:

I hereby declare that the above written particulars are to the best of my knowledge and belief.

Place: Bangalore
Date:

Signature
(Mahesha V)