

KANDARP PATEL

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Contact: +91 9998976147

Mechanical engineer with around 12 years of experience across various areas including product design and development, engineering cost estimation, vendor relationships and design team management.

PROFESSIONAL EXPERIENCE:

Pharmalab India Pvt Ltd, India

Aug. 2016 - till date

Pharmalab is leading manufacturer of process equipment's such as industrial washers and dryers, ventilators, sterilisers/autoclave, superheaters, rotary vacuum drum filters, shell and tube type heat exchanger and multicolumn

Assistant Manager, Product Design

May 2021 - till date

Role & Responsibilities:

- Data and customer driven feature design of industrial washers, filtration equipment and steriliser
- Competitor and market analysis
- Prepare conceptual modelling of new feature on Solidworks
- Propose and present new development, estimated project cost and completion time to directors
- Work between teams to prototype conceptual modelling and document the features

Senior Design Engineer

Apr 2017 - Apr 2021

Role & Responsibilities:

- Prepare equipment technical data sheets, and provide non standard quotations
- Work with marketing department and customers to finalise the scope during pre-order stage
- Team handling and work allocation to the team members
- Responsible for team deliverables
- Train and monitor junior team members
- Organise project kick-off meetings, communicate and co-ordinate with different departments
- Daily meetings with operations general manager to update on project progress and flag challenges
- Co-ordinate with purchase department to freeze design parameters for long lead items used in machines
- Hold site and support meetings with head of service department to get customer feedback, understand design problems, and share solutions
- Handling design release on time and resolving vendor issues in ongoing machine projects

Design engineer

Aug 2016 - Mar 2017

Role & Responsibilities:

- Prepare drawings for machines using Solidworks and AutoCAD
- Prepare technical documents like design reviews, FAT documents and QC related documents
- Assist vendor and fabrication department with any drawings, design, and material confirmation
- Responsible for selection of bought out components based on application
- Assist customer support team by identifying and analysing problems and providing solutions

Axtel Industries, India

Aug. 2014 - Aug 2016

Axtel is leading manufacturer of food processing equipments involved in turkey projects

Engineer, Design

Aug 2014 - Aug 2016

Role & Responsibilities:

- Prepare structural GA drawings, plant layouts, equipment component and assembly drawings in Solidworks
- Calculations as per ASME and TEMA codes for U type as well as shell and tube type heat exchangers
- Selection of bought out components and vendor relationships
- Support workshops and provide solutions for problems faced during manufacturing process
- Inspect non destructive quality control reports as per ASME section V

Himalaya Machinery Pvt Ltd, India

Jul. 2010 - Aug 2014

Himalaya machinery is a leading manufacturer of heavy machinery equipments

Engineer

Oct 2011 - Aug 2014

Role & Responsibilities:

- Prepare detailed drawing in Solidworks for fabrication, machining and assembly
- Design conveyors for straightening machines and bending machines
- Perform hydraulic and gear drive calculations
- Assist senior manager for designing requirements
- Project planning and machine maintenance schedules

Production Engineer

Apr 2011 - Oct 2011

Role & Responsibilities:

- Work allocation and production delivery schedule of welding department
- Responsible for storage of materials
- Quality check of welding by performing non destructive tests
- Plan and schedule machine maintenance
- Maintain welding procedure specification (WPS) record

Trainee Design Engineer

Jul 2010 - Mar 2011

Role & Responsibilities:

- Prepare detailed drawing in AutoCAD for fabrication, machining and welding
 - Convert old drawings to new drawings
 - Modify drawings based on requirements
 - Involved in machining part's inward quality control process
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EDUCATIONAL QUALIFICATION:

- **Bachelor Of Technology (Mechanical Engineering), 2011**
Rajasthan Technical University, Kota, India
 - **Diploma (Mechanical Engineering), 2007**
Technical Education Board, Gandhinagar, India
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SOFTWARE SKILLS:

- Solid works
 - AutoCAD
 - ANSYS
 - Microsoft Office
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CERTIFICATIONS:

- **Foundation course in Ansys Workbench** from Cadd Centre
 - **Diploma in AutoCAD** from Hyper soft Technologies Certified by Autodesk
 - **NDT Level II certified in (PT, MT, UT, RT)** – Valid till January-2023
 - **Certification in Pro-engineer creo 3.0**
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PERSONAL DETAILS:

Current Location: Gujarat, India
Ready to Relocate: Yes
Notice Period: 1 Month
