

VAIBHAV
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Synopsis

- CAD Engineer, creative and technically sound with excellent academics and having 2+ years experiences, successfully handling Engineering Design Projects.
- Proficient in the use of latest Design Engineering Software and IT Tools.
- Customer focused and quality conscious, capable of precisely understanding client needs and delivering results within agreed time and budget.

Technical Competencies

- CAD Tools (AutoCAD, Solid Works, NX 8.5)
- Creation of Manufacturing Drawings.
- GD & T with basics of ASME Standards.
- Basic Knowledge of API standards (5B, 5C3, 5CT and RP 10F)
- Communication Skills: - Written, Verbal.
- Team Working Skills.
- Basic Knowledge on Computer Hardware and Software tools.
- Operating System, Windows Server, XP, Windows 7.0, Windows 8, Windows 10 and MS Office Products.

Expertise:

- Product and Conceptual Design.
- Design Engineer with extensive experience in downhole Cementing tools.
- Legacy data conversions, which include Assembly, part modeling and detailing.
- Generation of manufacturing drawings as per customer requirement within presently used standards.
- Product Data Management.
- Improvement in Present tools for Cost Cutting and better performance.

Summary of Work Experience

SLEDGEHAMMER OIL TOOLS PVT. LTD., Faridabad, India
CAD Engineer - Mechanical (May-2017 to Till Date).

Projects Handled - SHOTPL, India

- Abide by the Oilfield industry safety standards and ensure the products qualify the safety standards per design perspective.
- Researches and analyses data such as customer design proposal to determine feasibility of design or application to enhance the product sustainability. Applying customer specific standards and requirements.
- Developing detailed Engineering drawings of the SledgeHammer oilfield products.
- 3D CAD Modelling of parts, subassemblies, and Top level assemblies and creation of BOM.
- Executing Engineering Change Requests (ECRs) per proposed changes by the customer.
- Collaborated on new design concepts with our team to meet customer requirements, and implement the project of new equipment development. Ex: Design of SledgeHammer reamer shoe with free rotating nose, SSR plug system, Hydraulic and Mechanical stage tools for stage cementing.
- To maintain API documentation of all project as per API-STANDARD and coordinate in API audit.
- To help testing manager in Float equipment HPHT tests, Centralizer restoring force tests, and Stage tool testing.
- Creation of marketing concern drawings (MCDs), technical specification sheets and operating manuals.
- Implement basic GD&T per ASME Y14.5-M 1994 standard where ever required in the drawings.

CADD CENTRE, Faridabad, India

CAD Instructor - Mechanical (June-2016 to April-2017).

Projects Handled - CADD CENTRE, Faridabad

- Instruct 9-12 grade introductory and advanced courses of Computer Aided Drafting (CAD)
- Work as a teacher within PDM & CAD as well as keeping existing educational materials updated.
- Instruct GD&T, AutoCAD 2D (Orthogonal and Isometric view), Solid works and UG NX.
- Organize Seminar in Technical Institutes and aware students about the benefits of CAD.
- Prepare 3D Model and Drawing of different Parts and Assemblies as per customer requirement.
- Provide CAD training to both technical students and Professionals.
- Provide Technical Support to companies for Solid Works and AutoCAD 2D.
- Prepare monthly reports.

Hobbies

- Involving in technical discussions to learn more and hear technical lectures.
- Travelling, and trekking. Meet different people and make good friends.
- Internet Browsing for the knowledge purpose.

Academics

- Diploma in Product Designing From CADD Centre.
- Intermediate under C.B.S.E, Delhi from Vidya Niketan School No.2, Faridabad.
- High School under C.B.S.E, Delhi from Vidya Niketan School No.2, Faridabad.

Training Programs

- Completed 4 month training in New Product Development from SHUBH TECHNOLOGIES, FARIDABAD.
- Completed 6 weeks training in Production and Maintenance Department from JINDAL INDUSTRIES PVT. LTD., HISAR.
- Completed 6 weeks training in Assembly Line from ESCORTS FARMTRACE, FARIDABAD.

Personal Details

Father's Name - Mr. Rakesh Sharma

Father's Occupation - Teacher

Mother's Name - Mrs. Manju Sharma

Language Abilities - English & Hindi

Address - 1791, Street No.4, Block-A, S.G.M.Nagar,
Faridabad Haryana

Gender - Male

Marital Status - Single

D.O.B - AUGUST 30, 1994

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