

Abdul Jaleel A
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Career Objective:

Dedicated and Results-driven Mechanical Design Engineer with nearly 2 years of experience in Piping Design & Detail Engineering within the domains of Oil & Gas, Edible Oil Refinery, Minerals, and Water Treatment. Adept at Basic & Detail Engineering activities, including 3D Modeling, Piping Design, BOM Report Preparation, Isometric Generation, and Piping Layout.

Software Proficiency:

- AutoCAD PLANT 3D
- AutoCAD 2D
- Navis works 3D Design Review
- S3D (Basics)

Software Competencies:

- Piping Modeling
- Equipment Modeling
- Isometric Extraction
- Layout Extraction
- MTO Report Generation for pipes, fittings & supports

Projects Involved:

1. Oil Refining & Extraction Plant, LDCSAN.
2. Expansion of Alumina Refinery, UTKKAL, Odisha.
3. Oil Refining Plant, SEYNAR.

Professional Experience:

Padink Engineering Services Pvt. Ltd
Duration: Dec 2022 - Present
Client: Desmet Ballestra Eng. Centre Pvt, Ltd.
Current Project: Seynar Refinery & Extraction
Software: AutoCAD Plant 3D

Roles and Responsibilities:

- Proficient in 3D Modeling of Piping, Equipment, Layout, and Isometrics.
- Extensive Piping Design experience for large-scale Extraction & Refining projects.
- In-depth knowledge of global design codes (ASME, DIN STANDARDS) applied to piping design.
- Proficient in extracting piping General Arrangement Drawings & Equipment Layouts.
- Expertise in generating Piping Fabrication Isometric Drawings.
- Preview checker of Isometric Drawing.
- Skillful in preparing Bill of Materials (BOM).

Arabi Enertech

Company Duration: Feb 2022 - Nov 2022

Client: KNPC (Kuwait National Petroleum Company)

Project Number: C6003

Software: AutoCAD 2D

Roles and Responsibilities:

- Develop Routing Model for Auto CADD plant 2D Piping & Equipment's based on design concept For Pumps, Heat Exchanger, Vessel, Column and Tanks.
- Responsible for 2D Modeling of Supports as per standard in plant 2d software.
- Uses to Auto CADD plant 2D System to create and develop pipe drawing created 2D drawing to piping specification
- Piping design with good layout skill and excellent working knowledge of the plant 2d modeling software
- Preparation of data sheet in equipment and valve piping isometric & GA

Bharakath Engineering Industries (Trichy)

Company Duration: July 2021 – Jan 2022

- Development and detailed design in alignment with plot plans and P&ID.
- Thorough understanding of Client specifications and Datasheets.
- Material selection based on design conditions as per ASME SEC 2D.
- Identification of equipment auxiliary components: Nozzles, Instruments, Flanges and Valves.
- Accurate identification as per Datasheet & Data requirements.

Strengths:

- Strong team player with exceptional analytical and problem-solving skills.
- Demonstrated ability to maintain confidentiality with sensitive customer and internal information.

Education:

- Master of Engineering Design , Sona College of Technology , Salem (2019 – 2021)
CGPA: 9.43%
- Bachelor of Mechanical Engineering, K.S. Rangasamy College of Engineering, Namakkal (2015 - 2019)
CGPA: 7.18%

Personal Details:

- Date of Birth: 27/09/1997
- Parent's Names: Mr. A. Assan Mohamed
- Marriage Status: Unmarried
- Languages Known: English, Hindi, Tamil
- Passport No: R4441240

Declaration

I hereby declare that the above information is true to the best of my knowledge.