

# MOMIN ABDULLAH

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## PROFESSIONAL SUMMARY

Mechanical Design Engineer with 2 years of experience in mechanical product development, piping design, fabrication drawings, and boiler system components. Skilled in AutoCAD, SolidWorks, P&ID;, piping isometric drawings, and BOM preparation. Strong knowledge of boiler manufacturing processes and freelance fabrication projects.

## PROFESSIONAL EXPERIENCE (2 YEARS)

### Draftsman / Mechanical Designer – Boiler Manufacturing Industry

- Preparing mechanical and piping drawings using AutoCAD & SolidWorks.
- Creating fabrication drawings for economizers, evaporators, bed coils, and structural parts.
- Preparing P&ID; and converting them into isometric drawings.
- Generating BOMs for piping systems.
- Drafting steam, blowdown, and drain pipelines as per process requirements.
- Coordination with fabrication teams for technical drawings.

## FREELANCE PROJECTS

1. **Tensile Shade Structure Design** – Fabrication drawings & BOM.
2. **Door Fabrication Design** – 2D detailed drawings & assembly sheets.
3. **Pipe Bending Detail Drawing** – Isometric drawing + bending schedule.
4. **80 Litre Water Cooler (Sheet Metal)** – SolidWorks parts, assembly & DXF.
5. **Solar Shading Analysis** – SketchUp shading study & optimization.

## TECHNICAL SKILLS

- AutoCAD (2D & 3D), SolidWorks (Parts, Assemblies, DXF), SketchUp.
- P&ID;, Isometric Drawings, Fabrication Drawings, BOMs.
- Piping Layouts: Steam, Blowdown, Drain Lines, Supports & Sizing.
- Boiler Components, Sheet Metal & Structural Fabrication.

## EDUCATION

- Bachelor of Engineering (Mechanical) – 89.70%
- Diploma in Mechanical Engineering – 76%

## CERTIFICATIONS

- AutoCAD (2D & 3D)
- SolidWorks (LinkedIn Learning)