

DIVYANG R KOSHTI

Mechanical Design & Project Engineer

☎ 81286 13936 ✉ koshtidiv@gmail.com

PROFESSIONAL SUMMARY:

Mechanical Design Engineer with 7+ years of experience in Machine Design, Project execution, GD&T and Product Development. Skilled in AutoCAD (2D/3D) & Solid works with hands-on experience in HVAC layout, Machining Layout, Electric, P&ID, Piping, MEP projects, and vendor coordination. Strong ability to manage projects from concept to execution.

EDUCATION:

Diploma in Mechanical Engineering (2017)

Image Engineering & Technical Institute, Kheda, Gujarat

CERTIFICATIONS:

Certified Solid Works Associate (CSWA) – Mechanical Design

Mechanical Drafting Certification – AutoCAD 2D & 3D

WORK EXPERIENCE:

Troikaa Pharmaceuticals Limited

Sanand, Ahmedabad

Mechanical Project & Design Engineer

Department: Engineering & Maintenance

July 2025 – Present

Software: Auto-CAD 2D & 3D & Solid work

Key Responsibilities:

- Designed Machine Components and Layouts for Engineering Projects
- Machinery Layout, GD&T Drawings, HVAC, Piping, MEP, Instruments Drawings, Plan Layout and P&ID drawings Prepare engineering layouts
- Prepared BOM and coordinated with procurement and vendors
- Created fabrication and sheet metal drawings for production
- Develop 2D/3D designs using AutoCAD and SolidWorks
- Coordinate with vendors for machine fabrication and modifications
- Analyse and resolve machine-related issues with corrective actions
- Prepare BOM (Bill of Material) and verify consultant submissions
- Lead project execution and ensure compliance with design requirements
- Conduct meetings with contractors and ensure quality standards

AIA Engineering Limited

Bavla, Ahmedabad

Mechanical Project & Design Engineer

Department: Engineering & Maintenance

December 2022 – July 2025

Software: Auto-CAD 2D & 3D & Solid work

Key Responsibilities:

- Designed machine components and layouts for engineering projects
- Developed New products and created detailed 3D models
- Prepared BOM and coordinated with procurement and vendors
- Created fabrication and sheet metal drawings for production

EIE Instrument Private Limited

Kathwada, Ahmedabad

Mechanical Design Engineer

Department: Engineering & Design

August 2020 – December 2022

Software: Auto-CAD 2D & 3D & Solid work**Key Responsibilities:**

- Designed testing instruments for various industries
- Worked on product development including parts, assemblies, and surfacing
- Created detailed sheet metal designs and models
- Supported manufacturing and development processes

Valgo Machinery Private Limited

Kathwada, Ahmedabad

Mechanical Draughtsman

Department: Design & Development

January 2018 – August 2020

Software: Auto-CAD 2D & 3D & Solid work**Key Responsibilities:**

- Designed sheet metal components and industrial machinery
- Worked on coil processing equipment such as: Slitting lines (CR & HR), Cut-to-length Lines, Coil Packaging Machines, Bobbin Winding Machines.

PROJECT EXPERTISE:

- Mechanical Layout Design (HVAC, Piping, MEP, Electrical, Plant, P&ID)
- Machine Design & Development
- Sheet Metal & Fabrication Work
- Industrial Equipment Design
- Vendor Coordination & Execution
- Mechanical Project Work

TECHNICAL SKILLS:

- AutoCAD (2D & 3D)
- SolidWorks
- Mechanical Drafting & Design
- Project Management
- BOM Preparation
- Vendor Development
- Problem Solving
- MS Office
- Mechanical Drafting

LANGUAGE:

- English, Hindi, Gujarati

PERSONAL DETAILS:

- Name: Divyang Rajkumar Koshti
- Date of Birth: 11th August 1997
- Marital Status: Married
- Nationality: Indian
- Address: E-204, Shivam Sanidhya, Ramol, Adani Cross Rd, SP Ring Rd, Ahmedabad - 382449