

S ABISHEK

Mechanical Design Engineer

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abishek22f@gmail.com

Bur Dubai, UAE.



SUMMARY

Methodical AutoCAD Drafter highly effective at creating accurate renderings in high-volume, demanding environments. Driven to cultivate productive relationship between disciplines to facilitate communication and project completion. Adept at producing high-quality plans, schematics, blueprints and component details.

EXPERIENCE

Junior Design Engineer

CADEOSYS

03/2020 - 02/2022
Calicut

CADEOSYS is an Engineering Consultancy firm which has specialized in delivering all types of Design & Drafting Services with the help of AutoCAD, Revit etc...

- Developing Mechanical, Electrical, Fire & Plumbing Revit Templates, Revit Families & 3D & 2D drawings in Revit.
- Excellent Knowledge in Revit Linking, Worksheet, Interference checking, Project Browser, Scope Box, Visibility Graphics, Shared parameters, View Range.
- Performed all the Mechanical Calculations using Mechanical Design software (Heat & Cooling Load, Pressure Drop, Illuminance).
- Designing in mechanical application for packaging machinery, working in Autodesk inventor and autodesk AutoCAD in 2D and 3D applications.
- Operated. AutoCAD and SolidWorks to develop new products.

Production and Quality Engineer

TVS Sundram Fasteners Ltd

06/2018 - 06/2019
Pondicherry

Leading Exporter, Manufacturer, supplier, of industrial fasteners, cold extruded parts, Hot forged parts.

- Performed manual inspections on detail parts using both digital and dial height gauges with a smooth surface plate.
- Provided QA of parts and materials using height gauges, CMM.
- Used Surface plate, optical comparator, height gauges, calipers, gauge blocks and pins for physical inspection on parts.
- Operate the CMM machinery and check the Dimensional accuracy of different products, molds, dies, components.
- Inspect form, fit, and function of parts using calipers, micrometers, CMM procedures, and various techniques.

EDUCATION

Mechanical Engineering

Anna University

2014 - 2018

Higher secondary Education

Kerala State Board

2012 - 2014

TRAINING / COURSES

Diploma in MEP Design

Certified Diploma under N S D C

- Auto Cad, Solid Works, Revit MEP.

Production and Quality Engineer

Certified Diploma Under FANUC

- V.M.C Operating Method, V.M.C & Turning, Cutting tool Technology, Drawing Studies & Documentations, Instruments Handling, Calibrations.

SKILLS

- | | |
|----------------------|----------------------|
| • Auto CAD | • Solid Works |
| • Plumbing Systems | • Project Management |
| • Electrical Systems | • Structural Layout |
| • HVAC | • Design development |
| • Building Codes | • M S Office |
| • Communication | • Creative Thinking |

KEY STRENGTH

- Technical Skill
- Leadership
- Time Management
- Decision Making
- Problem Solving
- Sustainability
- Strong Verbal & Written Communication
- Effective Interpersonal Skill

LANGUAGE

- | | |
|-------------|-----------|
| • English | ● ● ● ● ● |
| • Tamil | ● ● ● ● ● |
| • Hindi | ● ● ● ● ● |
| • Malayalam | ● ● ● ● ● |

PERSONAL INFO

Nationality: Indian

Martial Status: Bachelor

Passport: R5232454

Visa Status: Visit Visa (Sep 17 to Dec 15 2022)