

LALIT KULTHE

(Mechanical Graduate Professional)

Phone: +91-9172029887

Mail: lalitkulthe8@gmail.com

Current Location: Ahmedabad, Gujarat

CORE COMPETENCIES

- Drafting
- Cad Modeling
- Product Design
- Material Selection
- Interpreting Drawings
- Developing Prototypes
- Reverse Engineering

KEY SKILLS

- Relationship Management
- Effective Communication
- Problem Solving Attitude
- Analytical Thinking
- Detail Oriented
- New Product Development
- Workflow Management
- Documentation

SCHOLASTICS

- Bachelor of Engineering (B.E.)
North Maharashtra
University – 2018
7.2 / 10 CGPA
- HSC - 54%
- SSC – 80.73%

IT PROFICIENCIES

- Solidworks (+EPDM Basics)
- Autocad (2D)
- SAP Business One (Basics)
- MS Office

PERSONAL DOSSIER

Date of Birth : 17th August 1995

Languages : English, Hindi,
Marathi & Gujarati

Marital Status : Single

Address : At.Post- Dhadgaon
Tal- Dhadgaon,
Dist- Nandurbar,
MH, 425414.

SolidWorks Certified Result Oriented Mechanical Engineering Professional delivering cost-efficient engineering design & developments in manufacturing field with excellent knowledge and 2+ years of proven experience, seeking for a challenging job which gives me opportunities to learn innovate and utilize my interests, skills & strengths.

EXPERIENCE

Oct'21 – Present

Fairfield & PowerDrive Technology Pvt. Ltd.

(For Fairfield Service Company of Indiana LLC, USA)

Sanand, Gujarat

(Fairfield Service Company of Indiana LLC, USA based is one of the leading companies in designing & manufacturing a range of water, wastewater and composting equipment for liquid/Solid separation & conveyance.)

PRODUCTS:

Catenary Bar Screen, Screw Conveyor, Screw Compactor, Belt Conveyor, Traveling Water Screen, Cable Operated Bar Screen, Static Screen, Grit Classifier, Climber/Claw/RPFF bar screen, V- Bucket Grit collector, Lock Link bar screen, Deep Raker, Scum Skimmer, Submerged Grit screw Conveyor, Rectangular Clarifier & Its Components, etc.

DESIGNATION:

Design Engineer

KEY DELIVERABLES:

- Managed all phases of the design process for a multitude of products, components, parts, assemblies and sub-assemblies, including drafting, dimensioning, Tolerancing & prototyping with documenting results.
- Key responsibility is to work on customer approved OEM Projects relevant to Waste Water Treatment Industry in side as well as outside of India.
- Also engaged with new product development if any as per customer requests by preparing submittal including GA, BOM and Std. Part selection with Design Calculations.
- Responsible for tasks of analyzing the customer specs to ensure design criteria and specific requirements before starting the project.
- Manage all Design Documentation, files and generated Production Order of projects using SAP.

PROJECTS:

- Successfully prepared Design Submittal for 50 ft. Long Grit Belt Conveyor (20 ° Trough), Chemung County, NY, USA (2 Nos)
- Successfully prepared Design Submittal for 15 ft. Long Grit Flat Belt Conveyor, Searport, ME, USA
- Reverse Engineering on belt conveyor component & other waste water equipment components.

May'19 – Dec'19

SinglePeak Technologies Pvt. Ltd.

Vadodara, Gujarat

("SinglePeak Technologies" is leading Service Provider of NDT Services, Laser Alignment, Shop Balancing Service, Vibration Analysis, Electrical Services etc.)

DESIGNATION: Service Engineer (NDT Department)

KEY DELIVERABLES:

- Performed Material Testing using Thickness Tester.
- Operated Positive Material Inspection (PMI) Machine.
- Responsible for generating reports of PMI and Thickness testing as per standard with 2D Drawings. (Only for Thickness testing).
- Demonstrated testing tool to potential customers and provide service and support after Sales.

August'18 – March'19 Vinayak Electromech Pvt. Ltd.
Pune, Maharashtra

DESIGNATION: Trainee Engineer (Quality Assurance and Control)

KEY DELIVERABLES:

- Obtain chemical composition analysis of molten metal and raw metal using Spectrometer metal testing machine and also other test like Ultimate Tensile Test, Density Index (DI) of metal, Sand Testing using Sieve Shaker.
- Checked casting defects in die and sand casting.
- Performed Hardness testing using Rockwell and Brinell Hardness Tester
- Responsible for maintaining QC documentation like pre and final inspection reports of machining casting.
- Documented Test Certificate.
- Understand the workflow starting from customer inputs to the final product dispatch.

EXTRA ABILITIES

- Apart from full time Job, with strong Grip in CAD Modeling & Drafting with strong Project Handling skills have done designing projects.
 - Also have utilized my knowledge in works like Task Automation, Creating Reports Managing Large Data Base, Sorting Data, and many more with skill set of Advanced Microsoft Excel.
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