

Musunuru Shashank

Hyderabad, Telangana

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+91 97018 36036

- Experienced in Quality control in Aerospace Industry.
- Working as quality engineer in Defence projects like MRSAM Missile for Bharat Dynamics LTD.
- Six months of experience in aerospace quality control engineer.
- Five months of experience in product designing.
- Backed by designing skills in Computer Aided Manufacturing and working on CAM in Fusion 360 and SolidCAM.
- Proficient in interpreting engineering drawings and work instructions, inspection plans, sketches, travelers and required document forms.
- Experience and knowledge of Geometric Dimensioning & Tolerancing (GDAT).

Willing to relocate: Anywhere

Personal Details

Date of Birth: 1999-10-09

Eligible to work in: India

Highest Career Level: 1-2 years experience

Industry: Aerospace & Aviation, Automobile, Auto Ancillary, Automotive, Construction, Mechanical Engineering, Mining & Oil, Oil & Gas, Energy, Power, Infrastructure, Production & Manufacturing, Transportation Services, Travel, Airlines, Railways

Total years of experience: 1

Work Experience

Quality Control Engineer

SEC Industries Pvt Ltd - Hyderabad, Telangana

December 2021 to Present

- Working on Aero space components for Bharat Dynamics Limited.
- Working on Defence projects like Medium range Surface to Air Missile & Akash Missile.
- Performing daily inspection of components and writing reports.
- Inspecting Raw material and clearing for next stage.
- Carrying out inspection of components in different stages of manufacturing.
- Taking clearance for each components from Quality assurance engineer.
- Coordinate with process planning engineer about the quality problems.
- Taking care of QC documents of the project like raw material report, Heat treatment reports, mechanical testing reports, Inspection reports, etc.
- Equipment and Gages used are as follows Optical Comparator, Angle Protractor, Height Gages, Coordinate Measuring Machine(CMM), Gage Blocks, Sight Blocks, Snap Gages, Bore Gages, External thread gages, Internal thread gages, Plug Gages, Filler gauge, etc.

Mechanical Design Engineer

Somadisha Consultancy and solutions - Bengaluru, Karnataka

September 2021 to April 2022

- Experience in designing industrial products.
- Experience in tools like SolidWorks, Fusion360, Ansys, AutoCad, Creo, SolidCam, etc.
- Designed special Systems for Mounting machines, Liquid dispenser systems.
- Designing product offerings specified by Team leader.
- Works with designers in other disciplines to coordinate overall design and technical requirements.
- Experience creating mechanical drawings.
- Coordinating with Manufacturers and updating designs and drawings.

Junior designer

OptimumP Pvt. Ltd - Hyderabad, Telangana

June 2020 to August 2020

- I was a junior design engineer. I have to design components for the electric bike battery casing in SolidWorks with the help of other engineers.
- First manufacturing a prototype of the component and testing it for modifications.
- Coordinating with the manufacturers for easy and cost effective design of the component.
- Working closely with the Manufacturer for a high quality product.
- Daily visiting the manufacturing unit and doing quality checks.

Education

Bachelor's in Mechanical Engineering

Methodist college of engineering and technology - Hyderabad, Telangana

August 2017 to July 2021

Higher Secondary(12th Pass) in Mathematics,Physics,Chemistry

Sri Chaitanya Junior college - Hyderabad, Telangana

March 2015 to April 2017

Secondary(10th Pass) in Mathematics,Physics,Chemistry

Kendriya vidyalaya AFS begumpet - Hyderabad, Telangana

March 2014 to March 2015

Skills / IT Skills

- Solidworks (3 years)
- Autocad (2 years)
- Fusion 360 (1 year)
- Ansys (1 year)
- SolidCAM (Less than 1 year)
- Creo (Less than 1 year)
- Conventional Manufacturing (1 year)

Languages

- English - Fluent
- Hindi - Fluent
- Telugu - Intermediate

Online Profile

<http://www.linkedin.com/in/musunuru-shashank-88242a1a9>

<https://grabcad.com/musunuru.shashank-1>

<https://shashank-0-1.github.io/Portfolio/>

Certifications and Licenses

Associate-Mechanical design

October 2021 to Present

Issued by : Dassalt systems

Certificate ID: C-Y36WVDGAZJ

Projects / Papers Presented

DESIGN AND FABRICATION OF FUSED DEPOSITION MODELLING 3D PRINTER

https://drive.google.com/drive/folders/1_SN0oNy5zDqXm2yg3ZSqXGCNocFTW5vp?usp=sharing

June 2021

Three-dimensional printing is the method wherein the object is printed as a 3D net shape product with the aid of laying of additive layers of the material. It is the part of Rapid Prototyping where a mechanized technique is employed to manufacture 3D objects in a quicker manner. The blueprints for the object are to be printed are stored on the personal computer which is connected to the 3D printer. Now an entire model can be created in a unique process by the usage of 3D printing. We have created a 3D printer that can be used to print metal objects by using soft metals. 3D parts can be made through the melting of metal wires at sufficient temperature by using a Coil Heater. This paper describes about 3D printing through the Fused Deposition Modeling technique. The 3D printer is extensively used in a variety of industries like Engineering, Construction, Medical industries, Aerospace, etc.