

Musunuru Shashank

Design engineer

Hyderabad, Telangana

musunurushashank234@gmail.com

+919701836036

- Design engineer with one year of experience in designing products for companies in mechanical parts, machine parts.
- Backed by skills in Computer Aided Manufacturing and been working on CAM in Fusion 360 and SolidCAM.
- 2 years of experience in Manufacturing products by conventional and additive techniques. And enough knowledge about manufacturing techniques.

Willing to relocate to: Hyderabad, Telangana - Bengaluru, Karnataka - Pune, Maharashtra

Personal Details

Date of Birth: 1999-10-09

Eligible to work in: India, United States

Highest Career Level: 1-2 years experience

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

Work Experience

Junior designer

OptimumP Pvt. Ltd

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 Present

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

Sri Chaitanya Telangana State Intermediate - 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)

Languages

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

Online Profile

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

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

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.