

DIVYA SRI. BEZAWADA

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Brief Summary:

A Mechanical engineer with 4 years of experience which include projects in handling 3D printing, Additive manufacturing, Rapid prototyping, Stereo lithography(SLA), Selective Laser Sintering(SLS), Fused Deposition Modelling (FDM), Direct metal laser sintering (DMLS), Resine 3D printing.

Education :

- Bachelor's degree in Mechanical Engineering from Andhra University, Vishakhapatnam, 2019 with 69% .
- Diploma in Mechanical Engineering from State board of technical education and training A.A.N.M& V.V.R.S.R Polytechnic college Gudlavalleru,2016 with 69.75%
- SSC, Z.P.H. school , Veeravalli, 2013 With 6.2 GPA.

Technical Proficiency:

- Good Knowledge on the following Tools:
- CAD
- Blender
- Tinker cad
- Sketch up
- Cero
- Catia
- Auto cad
- Sloid works
- 3D printing Slicers
- Ulti maker CURA, Simplify 3D, Slicer, Flash print, Chitu box, 3D Scanner, 3D Pen

Employee Information :

Name of the company : LET'S 3D Hyderabad.

Period : July 2019 to September 2023

Projects Handled : Idol 3d models, Designing & Printing.

PCB casing, Designing & Printing.

House Floor plans, Designing & Printing.

Work Experience :

- Working as Engineer in LET'S 3D, Hyderabad from 2019 and actively involved in below tasks.
- Hands on Experience in 3D CAD, Designing and repairing, modifying 3D CAD data.
- Convert STL is a file format native to the stereo lithography CAD software created by 3D system.
- Converting a 3D model into a set of instructions for the 3D printer by using CURA.
- Slicing the object method of economic analysis used in microeconomic in depth study of sliced into smaller units.
- Convert a machine to print a real object.
- Finishing assembling, painting, sanding, Enhancing a 3D model
- Scheduling managing multiple materials like PLA, ABS, PETG HIPS, Nylon, Flexible, Wood field, Metal field, Shipment, Machines, orders, Etc..
- Maintenance , Calibrating, Repairing and testing a 3D printer.
- Parts measuring
- 3D Drafting
- Good hold on basic mechanical engineering calculation and GD & T
- Detailing design preparation of manufacturing drawing
- Convert 2 Dimensional to 3 Dimensional and assembly drawing
- Assemble and dismantling the 3D printing machine
- Pre processing and Post processing
- Experience in new product development
- Make a prototype model based on customer need

Projects:

- **Idol 3d models, Designing & Printing:** This project involve modification of existing idols specification's and creation of new dimension by using 3D scanner. Convert a file in STL format by using ultimate CURA. CURA allows the modify various process and parameters like position of model, build volume, area etc...Print a prototype of 3D idol object by using 3D printing machine FDM technic.
- **PCB casing, Designing & Printing :** This project involves modification of existing PCB board to create a new dimension and accurate finishing and to a fix a board into that casing as per client requirement to print a real object.
- **House Floor plans, Designing & Printing :** This project involve create a new floor plan with required dimension of required scaling. Design a 3D house floor plan by using Blender software convert STL format. To print prototype by using 3D printing machine.

Declaration:

I do here by declared all the details mentioned above are accurate to the best of my familiarity and confidence.

Date :

Yours Sincerely

Place :

Divya Sri Bezawada