

Shalabh Sharma

Freelance Design Engineer | Industrial/Product

Here is the list of jobs/services, I have my expertise in & I feel honored to share it with you.

3D CAD Design

- I am an expert in SolidWorks CAD & can design concepts in 3D which enables us to have a better & effective Visualization of a 3D Product.
- Adept in making assemblies from a small consumer product to a big mechanical machine.
- Capable of creating 2D technical drawings for manufacturing which includes exploded view drawings & the corresponding assembly BOM.

Photo-Realistic Rendering

- High definition, high draft quality, Photo-Realistic renders can be created in order to make the product attractive, increasing its salability.

Product validation (Simulation)

- Validating the designed parts/items, carrying out FEA simulations,(using SolidWorks Simulation tool) thereby, optimizing the Part, considering the following design principles:
 - Weight reduction
 - Mass Production Parameters
 - Aesthetic Features
 - Product's manufacturing Cost
 - Safety Measures
 - Human Factors (Ergonomics)

New Product Design (NPD) & Development

- If you're willing to work on an Idea or you're already working on the existing concept, I can come up with a pool of thoughts/visions, giving a new direction to existing brainstorming process. This will not only reduce your work pressure but also help in Product development process, reducing the time significantly.

Design for 3D Print

- Adept in 3D Modeling parts for 3D printing (involving any technology viz. SLA/SLS/FDM).

Conceptualization & Research.

- I am capable of carrying out systematic web search in order to research about any mechanical Product/Technology which may help us in the Product development process.

Warm Regards,

Shalabh Sharma

Design Engineer | Industrial/Product