

SVM

SRIVARU Motor's (SVM)'s primary goal is to produce the best riding automobiles for the personal commute and they are always powered by Renewable energy. Today, people unconsciously breathe the exhaust air from fuel-burning motor vehicles. Unfortunately, there is no choice for the peoples for cleaner air while commuting. As science and scientist around the world confirm that this harmful gas causes serious health hazards to our friends, spouse, mother, father, sisters, brothers, and pets. The damage is limitless. We set out to provide a cleaner choice for commuter vehicles. Yes, we understand that this journey is not short nor easy one. But it is achievable by The Team of SVM.

Mission: To design, develop, manufacture, sell and Service the best riding Electric motorcycles powered by sustainable energy

Vision: To revolutionize two-wheelers by building world class products powered by renewable energy which are best-in class in safety, performance and comfort; thereby providing the best riding experience to our customers

Our Core values: Business Integrity, Customer Satisfaction, Employee Involvement, Culture of Excellence, Responsibility, Professionalism and Service Mindset

Job Description

Senior Design Engineer - 3D CAD (Computer – Aided Design)

Qualification:

B.Tech

Experience:

5 to 8 years,

(I) 4 to 6 years in automobile two-wheeler industry

(ii) 1 to 2 years in Tools

I. JOB SUMMARY

This is the role for creative, energetic design engineer who is skilled in using AUTOCAD Fusion 360 Software or Solid works or Autodesk inventor software to create two/three-dimensional models of complicated structures for many fields including automotive, manufacturing, product development and host of others. CAD Designers are a crucial part of SRIVARU Motors. This role brings all the ideas of the team to life in a digital world. At SVM we believe in Digital Visualization work & From their actual physical prototypes can be manufactured. Ultimately leading to **full-scale production**, establishing guidelines and procedures for CAD data management, and managing workload distribution within the CAD department. Other duties to be performed as assigned.

II. Key skill requirement

1. Autodesk Inventor
2. GD&T parameters

3. Vendor relationship / Management
4. Knowledge on suspension and brake system
5. Stack up Tolerance
6. Manufacturing process
7. BOM preparation
8. Knowledge on simulation – structural and NVH
9. PLM
10. Knowledge on mass production, JIGs, fixtures, tooling

Added advantage:

1. Cost estimation
2. Painting
3. Welding

III. DUTIES AND RESPONSIBILITIES

- Attend regular development meetings
- Address limitations of technologies and materials involved in the CAD process
- Incorporate feedback into 3D model designs
- Make revisions to models as requested
- Run simulations and stress-tests on all 2D/3D models before prototyping
- Keep up to date on all modern advancement in material and software technologies
- Pursue ongoing education in the field
- Utilize large databases of material property information to best select materials for modelling
- Revise and update existing drawings reflecting design changes, with feedback from customers and testing.
- Maintain notes, design calculations and other documentation (like drawings, bill of materials, list of design parameters, and /performance guarantees) for future reference.
- Establish filing guidelines for drawings to maintain up-to-date drawings
- Other duties as required relating to CAD database maintenance, PDM, etc. explore aerodynamics, ergonomics, safety and calibration when coming up with ideas.

IV. JOB REQUIRED EDUCATION and/or EXPERIENCE

- Auto designers must be experts at using CAD software, such as Autodesk, and graphics imaging software, like Adobe Photoshop.
- You must also have the artistic ability to create preliminary sketches and transfer them to a computer. You must think conceptually and consistently demonstrate creativity.
- Strong math, physics, language and grammar skills are essential, and interpersonal skills are also helpful. An understanding of automobile designs and engineering, as well as the ability to create full-scale models is important.

V. PHYSICAL FITNESS

The designer has to observe and create the product in digital world therefore it demands the high level of focus, creativity and ability to transform the thoughts into the software design.

- Follow the industry best practice and also maintain healthy habits for physical fitness

- The designer role requires working Infront of the computer for extended hours
- Good vision is critical for this role.

The 3D CAD Technician must be able to concentrate for extended periods of time paying close attention to detail. The 3D CAD Technician's work environment does not require much physical movement. While performing the duties of this job, the employee is regularly required to sit. Specific vision abilities required by this job include close vision, distance vision, colour vision, and ability to adjust focus.

Contact:

Interested Candidate can send their profiles to,

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