

Mechanical Design Engineer

Gurgaon, India

Full-time

The ideal candidate will have extensive experience in mechanical system design, working knowledge of range of materials and properties, and excellent grasp of manufacturing processes and mechatronic systems. S/he should enjoy problem solving, both independently and in team and should enjoy brainstorming. Further, this candidate should be familiar with the start-up environment and the associated hours, deadlines and high-energy culture that go with launching innovative new products.

Responsibilities:

- Work with an interdisciplinary team to execute product designs from concept level to production including CAD designing, prototyping, validation, testing and certification
- Conduct Finite Element Analysis (FEA) of Mechanical Designs
- Involve in R&D for constantly improving the performance, reliability and life cycle of our products
- Active participation in production and reliability tests of new hardware systems
- Documentation of functional specifications, verification plans, and test procedures
- On-site inspection of systems at vendor's' shop floor and enhance vendor development
- Support Production, Installation and Service Department staff when necessary to solve problems encountered during lifecycle of product
- Review Technical User's Manuals when needed to ensure equipment specifications, setup instructions, operating instructions, etc
- Travel on an occasional basis, both domestically and internationally, to support the installation team

Qualifications & Skill set required :

- Bachelor's degree in engineering (Mechanical Engineering) with 2-4 yrs of experience.
- Thorough understanding of technical principles, theories, and concepts in mechanical engineering
- Worked on practical projects in which you have built/contributed to the project
- Knowledge of materials and material properties

- Extensive experience with 3D mechanical design and associated CAD software applications such as SolidWorks, Inventor and Pro Engineer
- Basic working knowledge of electrical and electronic hardware and circuits
- Strong communications skills and familiarity with fast growing companies and industry trends
- Self-sufficiency in building and testing mechatronic systems.
- Will to put forth extra effort when required to meet design schedules on projects where delivery time is critical