

Senior Mechanical Design Engineer

Company: Virtualyyst

Location: Gurugram

Department: R&D

Experience: 4+ Years

About the Role

Virtualyyst is looking for a highly skilled Senior Mechanical Design Engineer who can take products from concept to mass production.

The ideal candidate should have strong experience in product design, prototyping, manufacturing processes, and vendor management with the ability to work in a fast-paced product development environment.

Key Responsibilities

- Lead end-to-end mechanical product development
- Design and develop production-ready mechanical systems
- Work on prototyping, testing, and product validation
- Handle DFM (Design for Manufacturing) & DFA (Design for Assembly)
- Collaborate with electrical, firmware, and product teams
- Coordinate with manufacturers and vendors for production support
- Create detailed 3D models and 2D drawings with GD&T standards
- Identify and solve production and manufacturing challenges

Required Skills

- SolidWorks / Creo
- CAD Design & Product Development
- Injection Molding, CNC, Casting & Extrusion
- Prototyping & Manufacturing Support
- GD&T and Mechanical Drawings
- BOM & PLM Systems

- Vendor & Production Management
- Strong problem-solving and debugging skills

Qualifications

- Bachelor's degree in Mechanical Engineering or related field
- 4+ years of hands-on mechanical product development experience
- Proven experience handling complete product lifecycle

Good to Have

- Experience in startup or fast-paced product environments
- Knowledge of ISO, ASME, or ASTM standards
- Leadership or mentoring experience
- Experience working with domestic or international manufacturers