

Title: Sr. Mechanical Design Engineer

Introduction to the job

We, bring together the most creative minds in science and technology. We are seeking an individual with a strong background in mechanical design and engineering, including taking responsibility of the full “art to part” development cycle. A background in mechanical design of mechatronics, precision design, or complex optical systems is desirable, as well as good complex mechanical system intuition.

If you are interested, make sure to attach a cover letter with your application!

Role and Responsibilities – Job Description

- Mechanical design experience with kinematics, dynamics, material properties and behavior and structural analysis
- Develop precision systems that can perform reliably at customer sites
- Solid working knowledge of mechanical analytical techniques such as “first principle” engineering equations and Finite Element Analysis (FEA) (e.g. stress, strain, deformation, modal response, etc.)
- Perform structural, thermal, fluid and dynamics fundamentals and calculations
- Utilize software/technical tools (e.g. CAD modeling, FEM, mathematical tools, etc.)
- Derive conclusions from analysis and make practical recommendations
- Negotiate system-level requirements and derive sub-system requirements
- Optimize designs for Cost, Reliability, Assembly, Manufacturability, Serviceability and Safety
- Strong technical writing, communication and presentation skills with a capability for mentoring, coaching and negotiation
- Experience with 3D solid modelling for design conceptualization and realization.

Personal Skills

- Can observe and respond to people and situations and interact with others encountered in the course of work
- Can learn and apply new information or skills
- Must be able to read and interpret data, information and documents
- Strong customer focus and commitment to customer satisfaction through prioritization, quality, efficiency and professionalism
- Ability to complete assignments with attention to detail and high degree of accuracy
- Proven ability to perform effectively in a demanding environment with changing workloads
- Result driven–demonstrate ownership and accountability
- Identifies bottlenecks and drives improvements

- Work independently or as part of a team and follow through on assignments with minimal supervision
- Demonstrate open, clear, concise and professional communication
- Ability to establish and maintain cooperative working relationships with co-workers and customer
- Work according to a strict set of procedures within the provided timelines

Education and Experience

Your team player mentality is needed for finding the best solutions together with people in and outside of our team. The quality of your design is important for you and our customers. You should feel responsible for what you and the team deliver and have the ambition to constantly improve on this.

For doing your work you can rely on:

- **Bachelor degree in Mechanical engineering or similar**
- **5+ years of overall experience as a Mechanical Design Engineer**
- Preferred: 3+ years of experience guiding a team working on complex mechanical/mechatronic design or equivalent experience
- Ability to communicate effectively in the English language both written and oral
- Mechanical design exposure to kinematics, dynamics, material properties and behaviour and structural analysis
- Experience with 3D solid modelling for design conceptualization and realization
- Basic Experience with Mechanical analytical techniques, including “first principle” engineering equations and Finite Element Analysis (FEA) (e.g. stress, strain, deformation, modal response, etc.)
- Demonstrated ability to derive conclusions from analysis and make practical recommendations
- Prior experience leading teams and planning for deliverables
- Strong technical writing, communication and presentations skills
- Experience in electrical infrastructure and sheet metal 3D CAD design

Skills

Working at the cutting edge of tech, you'll always have new challenges and new problems to solve – and working together is the only way to do that. You won't work in a silo. Instead, you'll be part of a creative, dynamic work environment where you'll collaborate with supportive colleagues. There is always space for creative and unique points of view. You'll have the flexibility and trust to choose how best to tackle tasks and solve problems.

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Other information – Role within Office and Essential Job Functions

- Work in a fast-paced office environment
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- Capability to interface with multidisciplinary groups including senior leadership.
- High energy self-motivated team player with strong desire to learn.
- Possess strong leadership and ownership characteristics with commitment to achieve results on time.
- Potential to develop into a technical leader in the organization.
- Can observe and respond to people and situations and interact with others encountered in the course of work.
- Work according to a strict set of procedures within the provided timelines.

Working Days/Hours:

- March to November: 1pm to 10pm
- November to March: 2pm to 11pm
- Workdays: Weekdays + Alternate Saturdays

Can we count on you? Then you can count on us.

Working in our team can be a challenging task. That is why we want to be extra aware of job satisfaction by making room for development opportunities and to secure a joyful environment.

We support that by trainings, growth opportunities and actively managing work life balance. There is some flexibility in working hours.

Apply now for this job:

Will you come and strengthen our team as an Sr. Mechanical Design Engineer? This is the ultimate moment to become part of our team. Click on the 'Apply Now' button and submit your application today.

Yours Faithfully,



Kushal Doshi
Designated Partner