

Design West Technologies Inc. is a leading provider of cutting-edge aerospace and military technologies. With a commitment to excellence and innovation, we specialize in designing, manufacturing, and delivering high-performance solutions for our clients worldwide. Our team comprises passionate professionals dedicated to pushing the boundaries of what is possible in aerospace and defense.

Position Overview:

The Senior Mechanical Engineer will be a key member of the project development/execution team and responsible for hands on engineering expertise in development of a variety of electromechanical assemblies for our government customers. The ideal candidate can oversee a project and project schedule while working hands-on together with the R&D team on prototype builds, testing, and analysis. Extensive experience with SolidWorks modeling, assemblies, BOM creation & administration, 2D drawings GD&T, component selection and manufacturing principles is required. The successful candidate will also contribute to a dynamic team environment by being creative, proactive, communicating clearly to all stakeholders, and modeling a highly collaborative working environment.

Key Job Duties:

- Serve as project manager for complete projects
- Review and follow Mil-Std requirements in design process
- Design mechanical parts and assemblies with around 100-500 parts in SolidWorks and work closely with electrical and chemical engineers.
- Maintain organized SolidWorks part and assembly files, experience with PDM preferred
- Create 2D drawings, design for manufacturing
- Maintain an up-to-date BOM for assemblies
- Lead prototype builds and work hands-on with the team
- Work directly with vendors and with purchasing department to procure prototype components

Requirements:

- Minimum 10 years of experience in mechanical design (graduate experience will be counted)
- Software: Expert level in SolidWorks
- Strong work ethics and work well with interdisciplinary team
- Excellent Verbal and written communication skills
- Track record of delivering on time and on budget
- Strong attention to detail
- Adaptable and agile, responsive to quick changes in direction.

Education Requirements:

- BS or higher in Mechanical Engineering or similar
- Previous work experience with military products and/or DOD is a plus
- ISO 9001 or AS9100 experience

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Benefits:

- Competitive salary commensurate with experience.
- Comprehensive benefits package including medical, dental, and vision coverage.
- 401(k) retirement savings plan.
- Paid time off and holidays.
- Exciting and challenging work in a dynamic industry with opportunities for growth and advancement.

This Company Describes Its Culture as:

- Detail-oriented -- quality and precision-focused
- Innovative -- innovative and risk-taking
- Outcome-oriented -- results-focused with strong performance culture
- Stable -- traditional, stable, strong processes
- People-oriented -- supportive and fairness-focused
- Team-oriented -- cooperative and collaborative

Join our team and be a part of shaping the future of aerospace and defense technology! If you have the skills, experience, and passion to excel in this role, we encourage you to apply.

Design West Technologies Inc. is an equal opportunity employer and is committed to diversity in the workplace. We encourage applications from all qualified individuals, including those with diverse backgrounds and those with disabilities.