



CAD Designer

Five Star Fabricating Inc. is a privately held, fast growing expert in manufacturing high-performance composite, polycarbonate, and plastic components for a variety of applications in the automotive industry. We are seeking an impact player and difference maker to join our team as CAD Designer who is dependable, diligent and detail oriented.

As a CAD Designer specializing in CREO Parametric, you will play a pivotal role in the product development process, creating 3D models and designs that meet project requirements and industry standards. Working collaboratively with engineers, customers, and cross functional teams, you will contribute to the development of efficient, cost effective, and manufacturable products.

Responsibilities:

- CAD Modeling: Create 3D models of products using Creo Parametric based on project requirements and design specifications.
- Product Design: Work closely with engineers' customers and other team members to develop and refine product designs. Ensure that designs meet functional requirements and adhere to industry standards.
- Assembly Design: Build and manage complex assemblies of components, ensuring proper fit, function, and interconnectivity.
- Drafting and Detailing: Generate detailed engineering drawings and documentation for manufacturing, including dimensions, tolerances, and other specifications.
- Collaboration: Collaborate with cross-functional teams, including engineers, architects, and manufacturing professionals, to integrate design inputs and optimize product performance.
- Design Optimization: Evaluate and refine designs to improve efficiency, cost-effectiveness, and manufacturability.
- Simulation and Analysis: Utilize Creo's simulation tools to perform basic analyses, such as CFD and FEA, to validate and optimize designs.
- Prototyping Support: Assist in the development and testing of prototypes, providing design support and making necessary adjustments based on feedback and testing results.
- Version Control: Manage and maintain version control of design files to ensure accuracy and traceability throughout the design process.
- Stay Updated: Keep abreast of industry trends, software updates, and new features in Creo Parametric to enhance design capabilities.
- Provide support to Quote Designers, such as bid or preliminary outlines and mechanical optimization.
- Proven ability to perform assignments under minimal supervision, with assistance as required for design questions or technical problems.



Qualifications:

- Proficient in 3D modeling, assembly design, and drafting using Creo Parametric / Pro E. Strong problem-solving skills and attention to detail. Knowledge of engineering principles and materials.
- Associate degree or similar, CAD + 3 years real-world experience.
- Solid knowledge of materials, mechanisms, and various manufacturing processes preferred.
- Must have knowledge of Engineering Drawings, and Design for Manufacturing. Fabricating experience a plus, including building proof of concept and prototype models with a variety of materials and processes. Machining, welding, fabricating, 3D printing.
- Mechanical aptitude.

Five Star offers competitive compensation and benefits packages, as well as opportunities for career growth and development.

- Complete insurance coverage – Medical, Dental & Vision for employees and dependents.
- Health Savings Account.
- Company provided Life insurance.
- Supplemental Life Insurance for employees and dependents.
- Short- and Long-Term disability insurance.
- 401(k) with generous company match
- Paid holidays and vacation.
- Fitness center discounts.
- Cell phone discounts.
- Tuition reimbursement.
- Employee referral bonus program.

If you meet the above requirements and are interested in this opportunity, please submit your resume for consideration to hr@fivestarbodies.com. We look forward to hearing from you.

May apply in person at 8899 368th Ave. Twin Lakes, WI 53181