

C-LARs, LLC
8326 SH 21 WEST
Bryan, TX 77807



Job Title

Senior Product Development Engineer

Pay Range

\$85,000 - \$95,500, COMMENSURATE
SALARIED, EXEMPT
40 HOURS PER WEEK

Benefits

Medical & Dental
401K + Employer Matching
Employer Paid Life Insurance
Employer Paid Accidental Death & Dismemberment
Voluntary Insurances

Reports To

Senior Product Development Engineer will report to the Director of Engineering.

Job Overview

The Senior Product Development Engineer will work both independently and with the Engineering Department to design new product builds and support the production shop with engineering needs using CAD software. The Senior Product Development Engineer will have the opportunity to collaborate with cross-functional teams and contribute to the creation of cutting-edge solutions that meet the evolving needs of our customers.

Responsibilities and Duties

- Mentor junior team members, and potentially be a lead within the department.
- Collaborate with team members to identify customer requirements and develop product design concepts.
- Use CAD software to create detailed 3D models and engineering drawings of new products and components.
- Iterate on designs based on feedback from testing and validation processes.
- Perform engineering calculations, simulations, and analyses to validate designs and ensure they meet performance, safety, and reuse requirements.
- Identify and resolve design issues or concerns through analytical methods.
- Research and evaluate materials and manufacturing processes to optimize product performance, cost, and manufacturability.
- Communicate project status, milestones, and technical information effectively to the Director of Engineering and other stakeholders and team members.
- Streamline the product development process by leveraging proven designs and engineering solutions when appropriate.

Minimum Qualifications

- Education level: Bachelor's degree in Mechanical Engineering or related field.
- Experience: 5-10 Years of post-graduation employment in mechanical design and analysis, preferably in the manufacturing or offshore industry.
- Hard Skills:
 - Proficiency in CAD software (e.g. SolidWorks, Autodesk Inventor) for 3D modeling and engineering drawings.
 - Proficiency in analytical and problem-solving skills, with the ability to apply engineering principles to practical challenges.
 - Proficient knowledge of manufacturing processes, materials, and industry standards.
 - Proficiency in Microsoft Office
 - Familiar with SharePoint or other EDMS

Preferred Qualifications

- Experience:
 - 5+ years of experience in SolidWorks
 - Proven experience in an ISO 9001:2015 manufacturing facility.
 - Design using different manufacturing methods (machining, welding, etc.)
- Soft Skills:
 - Excellent time-management skills
 - Communication and teamwork skills, with the ability to work collaboratively in a dynamic environment.

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