

CAREERS AT



651.291.8007

628 North Pine Street  
Saint Paul, MN 55130

[www.caztek.com](http://www.caztek.com)

## Mechanical Engineer

### FULL-TIME ROLE

#### POSITION OVERVIEW

Caztek Engineering is an innovative Engineering and Product Development company. We develop products for a wide variety of industries including medical, aerospace, industrial, and consumer markets. We have a dynamic, creative, project-based environment, working on many cutting-edge and new product designs. As a Mechanical Engineer, you will work alongside our experienced team of Industrial Designers, Engineers, Machinists and Product Fabricators to deliver exceptional designs, prototypes and products to our customers.

#### PRINCIPAL DUTIES & RESPONSIBILITIES

- Design mechanical assemblies, parts, and systems for customer projects
- Evaluate designs using simulation software such as FEA and CFD
- Create parts and assemblies using 3D CAD software (SolidWorks)
- Create mechanical drawings, Bill of Materials information, and other documentation needed for project completion
- Evaluate prototypes and designs for possible refinement through assembly and testing
- Facilitate customer project reviews
- Directly contribute to the solutions provided to customers including ideation, design, and specifications
- Sourcing components and engineering research

#### SUPERVISION RECEIVED

Reports to Director of Engineering

#### SUPERVISION EXERCISED

None

## **QUALIFICATIONS & SKILLS**

### **REQUIRED**

This position requires meeting work project deadlines set by others. Communication with supervisor or project manager/engineer on the job is essential. It also requires a signed employment and confidentiality agreement along with a background check.

#### Education

- Completed bachelor's degree in Mechanical Engineering or equivalent

#### Experience

- 5-7 years of relevant experience
- Working with and proficient knowledge of SolidWorks
- Working with and proficient knowledge of FEA and CFD software
- Knowledge of principles, and procedures of Mechanical Engineering to include the design process from concept through manufacturing
- Demonstrated problem-solving skills
- Hands-on experience preferred
- Ability to work independently

#### Other

- Ability to stand and work in a fabrication shop
- Ability to lift 50 lbs.

### **APPLY**

Please contact Karin Collin at [karin.collin@caztek.com](mailto:karin.collin@caztek.com) or call 651.291.8007 for more information.