



## MECHANICAL ENGINEER IV

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### ABOUT THE COMPANY

Insight Inc.'s ultimate deliverable is transformative change for our partners. Our Lean Automation business unit provides expertise of custom automation, robotics, and controls platforms. Our Brand Activation business unit provides sales lift, differentiation, and targeted communication at point of sale. The two share a foundation of engineering and a unique strategic approach to solving our partner's challenges. For more information, visit [www.insight-inc.com](http://www.insight-inc.com).

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### JOB DESCRIPTION

Insight Inc. is seeking candidates for a Mechanical Engineer based in Bartlett, IL. This position is responsible for working with business development to understand our partners' technical needs and then designing creative, customized and cost-effective automated solutions. Working in conjunction with the sales team as a solution provider, the mechanical engineer must be able to identify and provide reliable technical solutions, render mechanical designs, and present design solutions that address customer requirements to meet customer expectations.

Day-to-Day Responsibilities Include:

- Clearly communicate automation and robotic technology solutions to technical audiences
- Provide mechanical design and specification development support specific to customer specifications
- Define and develop the functional and technical solution design elements to meet specific project requirements
- Design and develop 2D and 3D simulations to conceptualize, validate, and communicate proposed solution to customer
- Research, define, and present technical requirements to supply-chain partners to optimally scope and purchase necessary equipment and components, such as robots, frames, conveyors, vision systems, motors, and controllers
- Maintain accurate records of opportunities, quotes, project costs, contacts, and correspondence
- Participate in machine debugging process
- Keeps current with new and existing packaging regulations

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### REQUIRED SKILLS & EXPERIENCES

- Bachelor's Degree in Mechanical Engineering or equivalent Technical Degree and industry experience in automation



- 5+ years of progressive experience in a mechanical engineering role, experience with the following is required:
  - Robotic Systems
  - Pick and Place Systems
  - Hard Tooling Applications
  - Walking Beams
  - Rotary Dial Tables
  - End of Arm Tool Designs
  - Precision Link Conveyors
  - Servo Motors
- Demonstrated experience working with functional internal and external teams in designing and developing solutions to complex projects
- Ability to work within timelines
- Ability to work as part of a team as well as individually on their own assigned design projects
- Strong problem solving and decision-making skills
- Ability to travel based on client requirements (Up to 5% Based on Project)
- Good verbal and written communication skills
- Excellent analytical and problem-solving skills
- Highly proficient in SolidWorks
- Ability to read mechanical and electrical blueprints and have an understanding of mechanical control systems and pneumatics

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**INSIGHT OFFERS A REWARDING WORKING ENVIRONMENT WITH COMPENSATION AND BENEFITS THAT INCLUDE:**

- Competitive compensation package commensurate with your work experience, including incentive compensation
- Healthcare benefits – medical, dental, and vision
- Short-term and long-term disability insurance
- Company 401K, Pension, and Profit Sharing programs
- Paid vacation and company holidays