

MECHANICAL ENGINEER

LOCATION EVANSVILLE, IN

PIA Automation USA offers the ideal working environment for people with **P**assion, **I**nspiration and **A**mbition. We stand for the future of automation and offer technically complex and sophisticated automation solutions.



Responsibilities:

The **Mechanical Engineer/Designer** designs automatic assembly equipment.

- Evaluate preliminary design at quote stage and determine feasibility of quote based on customer requirements and specifications
- Design assembly equipment based on computer programs/calculations and compare against previous designs and customer specifications
- Use 3D modeling software to design equipment based on customer specifications
- Determine material, heat treat, plating etc., based on requirements and cost effectiveness
- Check all received customer prints and maintain in Engineering file
- Prioritize tasks and track results to meet deadlines
- Manage budgets (materials and time) related to mechanical design
- Review design with Controls and Manufacturing Departments
- Develop drawing package for fabrication and assembly
- Check drawings for accuracy
- Assist Manufacturing during fabrication, assembly, and debug
- Write specifications for vendor purchases
- Develop Bills of Material of purchase items. Verify that part numbers and revision levels match design requirements and are correct on Purchase Order with regard to the original quote
- Formulate stress analysis into presentation format
- Maintain project records
- Respond to all customer questions in support of new programs and quotes

Requirements:

- Bachelor Degree in Mechanical Engineering preferred
- At least two years of automation experience required
- Must be proficient in SolidWorks

What do we offer?

- Excellent in-house training programs (PIA Academy)
- PIA Life, because we care about the well-being of our employees
- International working experience at PIA locations worldwide
- Medical insurance, paid time off, and 401k

WORKING AT PIA.

PIA Automation US Inc.

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Interested?

Apply online here:

