



211 S. Fifth St. | Goshen, IN 46528 | 574-538-1350

Job Description: Junior Designer

Employment Type: Full-time

Location: On-site | Goshen

Company Overview

Janus Motorcycles is an American motorcycle manufacturer dedicated to creating classic, lightweight motorcycles that stand the test of time. Based in Goshen, Indiana, we hand-build motorcycles ranging from 250cc to 450cc that embody timeless design, exceptional craftsmanship, and the pure joy of riding. As a small, growing company, every team member has a direct impact on our products and a connection with our passionate community of riders.

Position Summary

Janus Motorcycles is seeking an Entry-Level Designer to support the design and development of motorcycles, components, accessories, and related products. This position is responsible for creating and revising CAD models, engineering drawings, prototypes, and product documentation while assisting with product development from concept through production. The Entry-Level Designer works closely with the Lead Designer, engineering, production, purchasing, and marketing to ensure designs are functional, manufacturable, and aligned with the Janus brand. Success in this role requires curiosity, attention to detail, strong visual communication skills, mechanical aptitude, and a willingness to learn. This is a full-time, in-person position based at our Goshen, Indiana headquarters.

Reports To: Lead Designer

Key Responsibilities

Product Design & Development

- Create and revise 3D CAD models and engineering drawings.
- Assist in the design of motorcycle components, accessories, fixtures, and tooling.
- Support prototype development through design iterations and testing.
- Incorporate feedback from engineering, production, and leadership into design revisions.
- Maintain organized design files and revision history.

Engineering Documentation

- Produce accurate manufacturing drawings and documentation.
- Create and maintain bills of materials and supporting documentation.
- Ensure engineering drawings meet company drafting standards.
- Assist with engineering change documentation and revision control.

Prototype & Production Support

- Work with production to evaluate manufacturability of new designs.
- Assist with prototype fabrication, assembly, and testing.
- Document design issues and recommend practical improvements.
- Support continuous improvement of existing products and manufacturing processes.

Cross-Functional Collaboration

- Collaborate with engineering, production, purchasing, and marketing teams throughout product development.
- Create renderings, illustrations, and product visuals as needed.
- Participate in design reviews and project meetings.
- Assist with additional design and engineering projects as assigned.

Core Competencies

- Attention to detail
- Organization and time management
- Clear written and verbal communication
- Creative problem solving
- Ability to receive and apply feedback
- Accountability and follow-through

Required Qualifications

- High school diploma or equivalent.
- Working knowledge of 3D CAD software.
- Familiarity with motorcycle mechanics and design
- Ability to interpret engineering drawings and technical specifications.
- Basic understanding of manufacturing processes and mechanical assemblies.
- Strong computer skills and willingness to learn new software and systems.

Preferred Qualifications

- Associate's or bachelor's degree in Industrial Design, Mechanical Engineering, Engineering Technology, Product Design, or a related field, or equivalent practical experience.
- Experience with SolidWorks or similar CAD software.

- Experience with 3D printing, CNC machining, or prototype fabrication.
- Portfolio demonstrating product design, CAD, fabrication, or engineering projects.

Janus Team Responsibilities

- Contribute to a respectful, organized, and professional work environment.
- Communicate clearly and directly with coworkers and customers.
- Uphold Janus values of craftsmanship, accountability, and integrity.
- Support continuous improvement by identifying opportunities to improve processes and execution.
- Contribute to overall team effectiveness by supporting related tasks as needed.

What Success Looks Like

First 30 Days

- Become familiar with Janus motorcycles, products, and design standards.
- Learn company CAD standards, engineering documentation practices, and file management procedures.
- Complete initial CAD and documentation assignments with guidance from the Lead Designer.
- Build effective working relationships with production, engineering, and purchasing.

First 90 Days

- Independently complete routine CAD modeling and engineering documentation.
- Contribute to prototype development and product improvement projects.
- Produce accurate manufacturing drawings requiring minimal revisions.
- Demonstrate effective collaboration across departments while meeting project deadlines.

First Year

- Consistently deliver accurate, production-ready design work according to R&D timelines.
- Contribute meaningful improvements to products, tooling, or manufacturing processes.
- Take ownership of assigned design projects from concept through production support.
- Become a dependable resource for CAD modeling, engineering documentation, and prototype development.
- Demonstrate a strong understanding of Janus design philosophy, manufacturing methods, and craftsmanship standards.