



Patterson Pump Co

PCDEV – Product Configuration Developer 3B

Department: Engineering

FLSA Status: Exempt

Grade/Level:

Job Type: Regular

Work Schedule:

Weekdays M-F 8:00 am to 4:30 pm Additional hours as required.

Job Status: Full Time

Reports To: Engineering Manager

Amount of Travel Required:

Positions Supervised: None

POSITION SUMMARY

The primary focus of the Product Configuration Developer's role is to streamline Patterson's processing and handling of customer inquiries through creation and maintenance of the software interfaces used for standard product offerings. This role will participate in many cross-functional efforts and will be expected to build consensus among various functional teams to determine the best approach for the company and our customers. This role will have exposure to virtually all functional teams within Patterson, with the heaviest focuses being on Sales, Engineering, and Manufacturing.

ESSENTIAL FUNCTIONS

Reasonable Accommodations Statement

To accomplish this job successfully, an individual must be able to perform, with or without reasonable accommodation, each essential function satisfactorily. Reasonable accommodations may be made to help enable qualified individuals with disabilities to perform the essential functions.

Essential Functions Statement(s)

- Write, edit, revise, and maintain rule sets for the configurator for various product lines.
- Troubleshoot errors in the rule sets when they occur.
- Create, modify, and oversee data value lookup tables within configurator software based upon input from Sales, Engineering, and Manufacturing
 - Ensure personnel in each area are trained to maintain these values
 - These values may include but are not limited to pricing, discounts, bills of material, technical documents, work instructions, and routing steps / times / work centers.
- Identify obstacles / shortcomings within configured product structure; lead cross-functional teams to resolve these issues.
- Develop tools / techniques to allow for easy reporting of data from configurator

- Assist in streamlining various processes related to configuration including:
 - Pricing
 - Inventorying
 - Forecasting
 - Operation
- Ensure configurator meshes seamlessly with other Marketing assets (pump selection software, website, and all other front-end Sales tool, etc.)
- Participate and lead efforts to expand configuration into additional product lines
- Participate and lead efforts to expand the depth of configuration into areas such as:
 - 2D and 3D CAD images
 - Spec sheets
 - Manuals
 - Custom Quote / submittal packages
 - Configurable repair items
 - On-line parts ordering of configured items
- Stay current with latest configuration technology / approaches and implement improvements when and where justified.
- Drive configuration toward standardization / consistency across various product lines by incorporating best practices learned.
- Load and edit item coding as necessary.
- Participate as a standing member of the Syteline Team and lead “configuration team”
- Good understanding of the relationship between customer configuration experience and the technical needs of the company
- Participate in the product development process and the methods by which the products will be presented to customers. Could include conducting webinars or other training sessions for company employees and distribution on use of configuration tools.
- Solicit and adopt feedback from internal and external customers as appropriate to continually improve configuration process.

POSITION QUALIFICATIONS

Skills/Abilities

- Understanding of computer programming logic, including writing and debugging lines of code.
- Understanding of relational SQL database concepts including creating/modifying tables and views, writing select, insert, update, delete queries, creating reports from database data
- Ability to listen to various viewpoints and help a team arrive at the appropriate solution.
- Ability to lead a cross-functional team.

- Ability to train others to perform back-up functions when not available.
- Technology orientation, including “app” development.
- Focus toward serving internal and external customers.
- Ability to interact and communicate with external customers, distributors and channel partners

Education: Engineering or Computer Information Systems degree; Associate’s degree minimum, Bachelor’s degree preferred
Candidates with a Bachelor’s degree in Business with strong mechanical aptitude or programming background will also be considered

Experience: 2+ years of experience in a Manufacturing environment preferred
Experience with e-commerce and ERP systems strongly preferred

Computer Skills: MicroSoft Office, Syteline, Share Point

**Certifications &
Licenses:**

Other Requirements: Perform all duties as required by manager.

PHYSICAL DEMANDS

N (Not Applicable) Activity is not applicable to this position.
O (Occasionally) Position requires this activity up to 33% of the time (0 - 2.5+ hrs/day)
F (Frequently) Position requires this activity from 33% - 66% of the time (2.5 - 5.5+ hrs/day)
C (Constantly) Position requires this activity more than 66% of the time (5.5+ hrs/day)

Physical Demands

Stand	F	Lift/Carry 10 lbs or less	O
Walk	O		

Sit	F	11-20 lbs	O
Manually Manipulate	O	21-50 lbs	N
Reach Outward	O	51-100 lbs	N
Reach Above Shoulder	O	Over 100 lbs	N
Climb	O		
Crawl	N	Push/Pull	
Squat or Kneel	O	12 lbs or less	O
Bend	O		
Grasp	O	13-25 lbs	O
Speak	F	26-40 lbs	N
		41-100 lbs	N

Other Physical Requirements

- Vision (Near, Distance, Color, Peripheral, Depth)
- Sense of Sound - Normal
- Sense of Touch
- Ability to wear Personal Protective Equipment (PPE) - Hearing and Eye
- Sense of Balance

WORK ENVIRONMENT

Typical office environment and plant/manufacturing environment

The company has reviewed this job description to ensure that essential functions and basic duties have been included. It is intended to provide guidelines for job expectations and the employee's ability to perform the position described. It is not intended to be construed as an exhaustive list of all functions, responsibilities, skills and abilities. Additional functions and requirements may be assigned by supervisors as deemed appropriate. This document does not represent a contract of employment, and the company reserves the right to change this job description and/or assign tasks for the employee to perform, as the company may deem appropriate.