



# Software Engineer

## Summary:

We are looking for a Software Engineer (SWE) who will be responsible for building and managing PDI's full-stack infrastructure. The role requires working in close collaboration with the product team to develop well-documented test cases and work on various application-specific needs. As part of developing the solutions, it is expected that the SWE will use and understand Prescient Designer to its fullest, but also collaborate with the product team to define and architect new features.

## Our Ideal Candidate:

- You understand cloud applications and how PDI's products will help customers develop unique solutions that provide market differentiation and value
- You are self-motivated and results-oriented
- You enjoy solving complex technical problems
- You are ready to roll up your sleeves and pitch in to help on any other tasks
- You are confident and not willing to accept or settle for average

**Essential Functions** include, but are not limited to the following:

- Design, develop, test, deploy, maintain and improve distributed systems.
- Manage individual project priorities, deadlines, and deliverables.
- Work on core service for PDI products – website, Prescient Designer, etc.
- Automate some complex processes in a robust and elegant way
- Work within an agile team to test features and bugs, ensuring the quality of software releases
- Align with Product and Engineering teams on requirements, specs, and testing approaches
- Participate in different seminars, conferences, and meetings promoting the developed solutions.

## Skills & Qualifications:

Education:

- BS/MS in Computer Science or similar technical field, or equivalent experience

Experience:

- 2+ years of experience with full-stack web development
- 2+ years of working with TypeScript/JavaScript
- 1+ years of experience with NodeJS and ReactJS
- 1+ years of working in a cloud environment like AWS, Azure, or GCP



- Strong software engineering best practices (e.g., coding, unit testing, code reviews, design documentation)
- 1+ years of experience with test automation and QA testing.
- Excellent proficiency in backend server development and expertise in relational and non-relational databases.

**Skills:**

- Required
  - Self-starter with the ability to work in a fast-paced team environment to meet goals and deadlines
  - Experience writing automated tests as part of a CI/CD pipeline
  - Knowledge of automated QA tools, such as Postman or Selenium
  - Continuous learning mindset
  - Strong technical communication (oral and written)
  - Ability to understand, digest, and present complex technical requirements, issues, and solutions, in a precise and accurate manner, in verbal and written communication
  - Ability to analyze, summarize and generate status updates from technical data
  - Strong experience in LINUX/UNIX and any scripting language (Ruby / Perl / Python)
- Preferred:
  - IoT (sensors) and/or edge computing knowledge and experience
  - Experience with Docker
  - Node-RED and open-source software experience
  - AI/ML experience (Tensorflow, Keras)
  - Experience with MQTT
  - experience with messaging or event-driven systems

*Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for their job. Duties, responsibilities, and activities may change at any time with or without notice.*

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