Senior Software Engineer

Apply: careers@prescientdevices.com

Our company

Prescient Devices (PDI) is a fast-growing start-up that is revolutionizing the development of distributed systems with its low-code platform, Prescient Designer. Designer has compelling uses cases in the hottest technology fields, like data engineering, industrial IoT, machine learning, and many more. Prescient Devices is led by MIT-educated engineers who have decades of hardware, software and system experience, and a passion to teach, learn, and have fun.

The position

We are looking for a senior backend software engineer (SWE) to lead the development of our flagship product, Prescient Designer. The SWE will design and implement well-tested new features and systems within Designer, as well as maintain Designer's current feature set and test suite. The SWE, in collaboration with relevant teams within the company, is also expected to play a central role in determining the product roadmap.

Women and underrepresented minorities in the software development field are strongly encouraged to apply for this position.

Our ideal candidate:
- You are a master of backend software development in NodeJS
- You are self-motivated, result-oriented, and strive for excellence in all your tasks
- You enjoy solving complex technical problems
- You are curious and stay up-to-date with the state-of-the-art in relevant fields
- You are always looking for opportunities to improve all areas of the product, balanced against time, business and other constraints.
- You are ready to roll up your sleeves and pitch in to help on any other tasks

Essential Functions include, but are not limited to the following:
- Design, develop, test, deploy, maintain, improve and document Prescient Designer
- Maintain and expand coverage of Prescient Designer's test suite, including integration tests with Prescient Devices edge agent, Prescient Edge
- Work within an agile team to test features and bugs, ensuring the quality of software releases
- Help determine and prioritize Prescient Designer roadmap

- Manage individual project priorities, deadlines, and deliverables
- 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 backend server development in NodeJS
- 1+ years of experience with HTML/CSS
- 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

Skills:

Required:

- Self-starter with the ability to work in a fast-paced team environment to meet goals and deadlines
- Experience writing automated tests, standalone and as part of a CI/CD pipeline
- 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
- Knowledge of automated QA tools, such as Postman or Selenium

Preferred:

- Node-RED and open-source software experience
- Strong experience in LINUX/UNIX and any scripting language (Ruby / Perl / Python)
- Experience with MQTT
- IoT (sensors) and/or edge computing knowledge and experience
- Experience with Docker
- Experience with messaging or event-driven systems