

JOB DESCRIPTION

TITLE: Senior Software Engineer (Full Stack)

REPORTS TO: Director of Engineering

PRIMARY FUNCTION:

Primary responsibility is software development on PDI's cloud service. This includes the following:

- Developing/maintaining the full web stack running on Linux VM's in the cloud
- Ensuring adherence to industry quality standards for code development
- Participating in integrated product teams in the role of developer.
- Communicating project goals, schedules, measures, and product related topics to internal departments and external contractors.
- Providing support of deliverables to various internal departments and external partners
- Validating that features in deliverables have traceability back to product requirements and architecture.
- Working with a team of fellow engineers and other specialists to help guide a project to completion.

KNOWLEDGE AND EXPERIENCE:

- Four-year degree in Computer Science, Computer Engineering or Electrical Engineering.
- 5+ years' software development experience in any of these areas:
 - Front-end programming languages: HTML, CSS, JavaScript
 - Front-end frameworks: Angular
 - Back-end programming languages: Node.js
 - Back-end frameworks: Express.js, Nest.js
 - Database management systems: RethinkDB
 - Android programming languages: Java, Kotlin
 - Linux containers: Docker / Docker swarm
 - Linux scripting: Bash, Python
 - Version control systems: Git
 - Development Methodologies: Agile, Waterfall
- Ability to speak, read, and write Italian language is a plus.

RESPONSIBILITIES INCLUDE:

- Responding to and resolving assigned bug reports in a timely fashion.
- Testing and validating website operation.
- Supporting sales, marketing, service, and manufacturing departments with technical advice and troubleshooting.
- Creating software testing standards and documents for internal processes.
- Collaboration with European engineering firms.
- Occasional domestic and international travel.
- Must be able to meet deadlines and withstand moderate amounts of stress.
- Other duties as assigned/required.

MANAGEMENT RESPONSIBILITY: N/A