



Status: Full time, employee

Reference code: MDT Software, Software Engineer – Web Portal

Location: Alpharetta, GA or remote

MDT is seeking a Software Engineer who will be responsible for the development of client-server software. This includes various phases of software development, including design, implementation, integration, unit testing, revision control, release and maintenance of multiple products and subsystems. Our development team works with Node.js/JavaScript on web-based systems and Visual C++/C/C# on Microsoft Windows Systems.

MDT Software is a market leader in specialized, industrial automation software for Fortune 500 corporations. Manufacturing and process plants use our applications to automatically log and back up programming changes to their automation devices, ensure program security, restore plant PLCs, reduce factory downtime, provide for disaster recovery, and enable peak automation software and process performance. MDT Software supports major manufacturers of PLCs, robots, CNCs and PC-based automation systems on an international basis. Every day you use products whose manufacturers rely on our software to ensure reliable manufacturing, assembly, and delivery to you.

Our ideal candidate will have (at a minimum) formal training in Programming, Computer Science or related field, coupled with a minimum of 2+ years' experience in software development or engineering.

DUTIES:

- Design and development of web portal to an existing 2 and 3 tier client server application
- Design and develop new applications that work within our product family.
- Produce documentation of designs for assigned development projects.
- Code and unit test assigned development projects thoroughly before handing off to Testing.
- Assist in the construction of test scripts and test systems.

REQUIREMENTS:

The successful candidate will have most of the following:

- 1+ years Node.js (recent)
- Experience in building services using Node.js/JavaScript (or other)
- Experience developing applications with Express.js and other Node.js frameworks & stacks
- Experience in developing RESTful APIs using Node.js
- Excellent knowledge of JavaScript
- Experience with HTML5 and CSS5
- Experience and knowledge of RDBMS databases – SQL Server
- Experience integrating Node.JS with C#
- A methodical programmer with a focus on design, code readability and documentation
- Troubleshooting skills and the ability to analyze problems and associated data structures
- Analytical and communication skills, both oral and written
- Proven ability to be a self-starter
- Enthusiasm for evaluating and understanding new technologies

Preferred Additional Skills

- Experience with AGILE development methodologies
- Experience using Jira or Redmine
- Experience with full life cycle development for enterprise client-server programming environments.

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- Building, debugging, automated test (unit, functional) and continuous integration
- Experience using the JQuery Library with a Node.JS application
- Experience with multiple JavaScript frameworks, build systems, tools and deployment mechanisms
- Experience developing C++ & C# applications using the DevStudio environment
- Demonstrated experience with .NET Framework.
- Other Web framework experience a plus

This position can be a remote work position, though preference will be given to candidates local to our Alpharetta, GA headquarters. No relocation or sponsorship is available.

MDT Software offers an attractive salary and benefit package including medical, dental, life & disability benefits, paid vacation and a 401k plan with company contributions. For confidential consideration, please email your resume and salary expectations to: <mailto:recru-devel@mdtsoft.com>. If you do not meet these requirements, you will not be considered for this position. EOE.