



Status: Full time, employee

Reference code: MDT Software, Software Development Engineer

Location: Alpharetta, GA

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.

MDT is seeking a Software Development Engineer who will be responsible for 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 Visual C++, C/C#, Perl and Windows 2000/2003/2008 and Unix Operating Systems.

Our ideal candidate will have (at a minimum) a four-year degree in Engineering, Computer Science or related field, coupled with a minimum of 1-4 years in software engineering for manufacturing or process applications.

Knowledge of, or experience with, programmable devices used in manufacturing (e.g. PLCs, robots, CNCs) and experience with industrial control networks (e.g. Ethernet, Modbus, Devicenet) are helpful but not required.

#### DUTIES:

- Design and development of software products that interact with other manufacturing automation control software to manage changes.
- Add enhancements to existing application products.
- 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:

- Solid software engineer with full life cycle development for enterprise client-server programming environments.
- Primary technical core skills & knowledge: C/C#, Visual C++, Perl
- Demonstrated experience with COM/DCOM, .NET Framework, Windows 2000/2003/2008.
- Has strong programming fundamentals and is able to participate in application design discussions.
- Has worked in 3-6+ months development projects.
- Has good analytical and research skills to troubleshoot problems at their foundation.
- Has experience with 2-Tier or 3-Tier applications.



This position is located at 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: [recru-devel@mdtsoft.com](mailto:recru-devel@mdtsoft.com). If you do not meet these requirements, you will not be considered for this position. EOE.