



Software Engineer

Nlets is a 50 year old not-for-profit with a business model for the interstate exchange of criminal justice information for justice and public safety professionals and a new and growing business model reaching more customers in both the governmental and private sector with over 2.1 billion messages exchanged in 2018. We are seeking a highly skilled and enthusiastic individual, but even more importantly someone who is enthusiastic about using their hard won skills making a difference; making America safer; catching the bad guys and keeping law enforcement officers safe in both the US and Canada.

The Software Engineer is a key member of the Nlets team. This position will be responsible for building and supporting web and windows based applications using the .Net platform, Microsoft, and other programming technologies for the company. The ideal candidate will have success in demonstrating sound knowledge of analysis, design, gap analysis, programming, unit testing, system testing, integration testing, training, live implementation, and ongoing. Significant experience using a sound development methodology is required along with a good understanding of databases, information architectures, and programming languages to be successful.

Key Areas of Responsibility:

- Work with senior staff to design solutions for new features or complex issues
- Interpret written business requirements and technical specification documents
- Develop GUI and programs to accomplish planned designs and implementations – including webpage programming.
- Ensure that adequate unit testing is completed prior to publishing to reduce rework
- Perform integration testing prior to releases of code
- Work through process to identify any issues found during regression/acceptance testing by analyzing, reviewing and altering program to increase operating efficiency or adapt to new requirements
- Report progress of development project weekly to Software management staff (more often for critical issues)
- Develop testing harnesses to standardize testing procedures
- Develop and maintain release procedures for code releases
- Monitor the issues tracking system daily for customer issues that need immediate attention
- Monitor the issues tracking system weekly for new issues
- Assess, disposition and address issues assigned to software development unit
- Recreates steps taken by user to locate source of problem and rewrites program to correct errors
- Maintain and enhance existing web applications.
- Develop web interfaces for rapid real time information sharing
- Implement high-priority and/or complex features or bug fixes as necessary
- Development of front-end web applications
- Provides technical assistance to users and partners
- Develop process flows, debug, and troubleshoot processes in TIBCO Business Works 6
- Work with users to assist with migration to new platforms, message formats and technologies
- Test, validate and approve user's system cutovers, as well as monitor and provide troubleshooting during and after
- Performs related duties as assigned.
- Regular and predictable attendance required

- Writes documentation to describe program development, logic, coding, and corrections, including system flow charts, activity diagrams and/or UML models.
- Systematically documents, along with recording follow-up material, for all development phases of the software lifecycle
- Maintains documented information as a reference guide utilized for problem resolution
- Documents requests for changes to programs and services to management ensuring they are reviewed for possible consideration and implementation

Qualifications

- **MUST PASS 10-PRINT FBI BACKGROUND CHECK**
- BS in computer science or related degree and three (3) years experience as an object oriented developer with .NET, Java, Visual Basic or ASP; Or five (5) years' experience
- Full software development lifecycle experience required
- Ability to design and develop solutions to a wide variety of problems
- Experience in reading and extracting data
- Experience with databases and database programming
- Experience with one or more of the following databases: MS SQL Server, DB2, MySQL, Oracle
- Familiarity with server-side web application framework such as MVC5
- Familiarity with client-side web application framework such as Bootstrap, JQuery, Signal R
- Familiarity with JavaScript framework(s) such as AngularJS, Ember.js, ExtJS, Knockout.js, Meteoror.js, ReactVue.js
- A desire to learn about new Webassembly frameworks as they develop
- Possess the ability to write highly-modular and encapsulated code
- An understanding and appreciation of software performance principles
- Significant experience with Windows platforms,
- Experience with one or more of the following tools: Microsoft Visual SourceSafe, Apache Subversion and Team Foundation Server
- Experience with Visual Studio 2015 or newer
- Proficiency with TIBCO BusinessWorks 6 development
- Understanding of XML and related technologies including XSD, XSLT
- Experience working with message queuing products such as WebSphere MQ or Microsoft MQ
- Understanding of data modeling, such as Microsoft Visio or Unified Modeling Language (UML)
- The ability to work well on a "team" as well as be able to work independently with minimal supervision
- A desire to learn new things and work in a fast-paced environment.
- Strong problem solving and strong communication skills.

Benefits

- *Collaborative work environment*
- *Generous company-paid benefits package for employees AND dependents*
- *Business Casual Dress Code*
- *Covered parking during those HOT Arizona summers*
- *Team building and social events for employees AND their family*

Position Type: Full-Time hourly with bonus and benefits

Salary Range: \$71,000 – 102,000 + Bonus Location: North Phoenix, Arizona

Interested qualified candidates may send resume to hr@nlets.org