

Job Description



Job Title:	Senior Software Developer		
Location:	Hines, IL	Travel Required:	Up to 10%
Level/Salary Range:	\$90,000-\$110,000	Position Type:	Full-time
Date Posted:	11 April 2018	Posting Expires:	When Filled
Mandatory Job Requirements:	Experience with C #/C++ and Web Services (REST). This position requires the ability to obtain a VA designated High-Risk Background Investigation.		
Applications Accepted By:			
E-mail: Michelle Dionne, Corporate Recruiter, michelle.dionne@imcva.com			
Email Subject Line: Senior Software Developer, CMOP (Hines)			
Job Description			

IMC is supporting the Department of Veterans Affairs' Consolidated Mail Outpatient Pharmacy sustainment and modernization. The CMOP is a network of seven highly-automated production facilities which employ a mixture of robotic devices, conveyor systems, and human factors to accurately fill and ship nearly 117,000,000 prescriptions per year for healthcare beneficiaries including our nation's Veterans and patients eligible for care through Indian Health Service (IHS).

Responsibilities:

The candidate will participate in a multi-disciplinary team dedicated to the sustainment and modernization of the CMOP facilities consistent with the project's objectives listed below:

1. **Maintenance:** Maintenance to all software at the individual CMOP facilities used to interface with local production equipment and processes. This maintenance function involves phone and remote system support with the seven CMOPs as well as on-site annual visits.
2. **Enhancement and Integration Support:** Provide software services that improve performance, controls and documentation including equipment interfaces as new equipment is introduced at the CMOPs.
3. **Standardization:** Develop and execute a long-term plan to provide standardization and stability to the Production Systems for all seven CMOPs. The goals being as follows:
 - a. Create multiple levels of documentation to support both operational and IT usage of each of the Production Systems.
 - b. Allow for standardized reporting based on an identical data structure.
 - c. Create a single version of the software that can support the varying hardware setups at each site.
 - d. Control all source code in a single repository for ease of deployment, modification and maintenance.

Responsibilities:

- The candidate will be responsible for the provision of software design and development services in support of maintenance, enhancements and modernization of the CMOP facilities. The software is responsible order management, inventory control, fulfilling activities and the interfaces with the equipment on the automation floor.
- The candidate should have the ability to quickly learn new pharmaceutical production floor technologies, including, control software development tools, sensors and automatic identification equipment and process control equipment.
- The candidate should have the ability to adequately document designs, coded solutions, and systems.



The candidate may:

- Be involved in analyses and the investigation of related applications engineering tasks and prepare design specifications, analysis, and recommendations.
- Ensure the compliance of customer standards; also ensures that contractual deliverables assigned are reviewed for completeness and completed on time.
- Works closely with other teams, support organizations, program, and product management.
- Interact with senior management and other engineers. Interaction normally involves matters between functional and technical areas.

REQUIRED EDUCATION/SKILLS:

- Bachelor's degree in computer science, information technologies, or equivalent and 8+ years of experience, ideally 2+ years of experience in the field of industrial process automation similar to that in the CMOP.
- Experience developing systems in the Microsoft environment using Microsoft's development environments in real-time is required.
- Candidate **MUST** meet eligibility requirements for obtaining High-Risk Background Investigation (BI) security clearance.

Requires experience with:

- C #/C++
- Developing interactive web applications
- Front-end web design and development (MVC Razor, JavaScript, JQuery, JSON, AJAX,CSS, Node.js, HTML5)
- Designing and implementing object-oriented software solutions with an emphasis on industry best practices and design patterns C# (WCF, Web Services, MVC), MSSQL/T-SQL, and JavaScript
- Web Services (REST)
- Visual Studio 2013
- Windows Development

DESIRED EDUCATION/SKILLS:

- Experience in the field of industrial process automation similar to that in the CMOP
- Proven experience in developing and supporting large development initiatives that are similar in scope and complexity to the VA's CMOP.
- Relational database design & TSQL programming skills
- SQL Server 2012/2014
- Microsoft Team Foundation Server (TFS) 2012/2015
- Mid-tier Application Servers (IIS 7)

Background Information

Innovative Management Concepts, Inc. (IMC), a Service-Disabled Veteran-Owned Small Business, provides a broad range of information technology services to government and commercial clients. As a Service-Disabled Veteran-Owned Small Business, IMC places a special emphasis on recruiting and hiring veterans. Since its founding in 1989, IMC has offered solutions and expertise in: IT operations and maintenance, cyber security, systems and network engineering and support services, cloud/hosting services, software engineering and development, website services, software quality assurance and testing (including IV&V), and project management. IMC is certified in International Organization for Standardization (ISO) 9001:2015 Quality Management, ISO 27000:2013 Information Technology Security Management, and ISO 20000:2011 Information Technology Service Management. Find out more about IMC at www.imcva.com. **IMC is an Equal Opportunity Employer.**