

JOB DESCRIPTION

POSITION TITLE:	<i>Software Development Manager</i>
REPORTS TO:	<i>Sr. Director of Technology Enablement</i>
EXEMPT/NON-EXEMPT:	Exempt

JOB SUMMARY:

The Software Development Manager is responsible for leading a small team in the creation, maintenance, and enhancement of a suite of applications designed for medical imaging management and analysis for clinical use and research studies. The role entails hands-on coding contributions as well as the establishment and management of new software development lifecycle (SDLC) tools, process, and team. Close collaboration with the Chief Software Architect and other stakeholders is required to advance the existing proprietary clinical trials management platform to the next generation. Additionally, the Software Development Manager may interface with contracted agents to direct development and operationalization of outsourced, custom-developed, applications.

DUTIES AND RESPONSIBILITIES:

- Oversee and personally contribute to the design, implementation, and maintenance of a complex suite of Windows desktop applications utilizing the Microsoft .NET framework and SQL Server database
- Build and mentor a cohesive team of software developers to work effectively and ensure redundancy
- Direct the establishment and maintenance of comprehensive internal systems documentation
- Institute SDLC tools and agile process to enhance software development productivity and management
- Ensure software development and documentation comply with FDA regulatory design control and validation requirements for Software as a Medical Device (SaMD) and collection of research data
- Interface with end-users and management to understand and prioritize new software requests
- Maintain awareness of software-development industry best-practices and standards
- Develop an understanding of the evolving needs of the medical imaging and clinical trials industries
- Understand the Medical Metrics' Quality Policy and support the achievement of the organization's quality objectives and take corrective action when necessary to mitigate organizational risk
- Comply with company policies and procedures, ISO 9001, and Current Good Clinical Practices (cGCP's) relative to job tasks
- Ensure compliance with HR policies and procedures

EDUCATION AND EXPERIENCE:

- BS in Computer Science, Engineering, or related field. An MS and/or MBA is preferred.
- 10+ years' software development experience.
- 5+ years' managerial experience with increasing responsibility



- Practical experience developing SaMD within a regulated context

SKILLS REQUIRED:

- Proficient in C++, C#, Microsoft .NET framework
- Microsoft SQL Server experience
- Proven ability to effectively manage a software team
- Familiarity with ISO 13485 and FDA 21 CFR Part 820
- Experience applying Agile methodologies to the software development life cycle
- Strong written and verbal communication skills
- Knowledge of Microsoft Windows graphics development is a plus
- Experience with diagnostic medical imaging and DICOM is a plus

COMPANY & COMPENSATION:

- Medical Metrics Inc. (MMI) is a fast-growing, independent imaging core laboratory and medical imaging solutions company based in Houston, TX. MMI provides image analysis and consulting services to medical device, biologics, and pharmaceutical companies in support of their clinical trials and product R&D.
- Competitive salary, commensurate with experience and qualifications
- Excellent benefits package including medical, dental, and life insurance, 401(k) plan, and paid vacation and holidays

For further information, please contact:

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