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Senior Software Engineer Job

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Date: Jun 8, 2016

Location: Waukesha, WI, United States

Job Number: 2557936

Business: GE Healthcare

Business Segment: Healthcare Imaging

About Us: GE is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. Through our people, leadership development, services, technology and scale, GE delivers better outcomes for global customers by speaking the language of industry.

What do you envision for your future? At GE Healthcare, we strive to see life more clearly. Our "healthymagination" vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing healthcare costs, increasing access and improving quality and efficiency around the world.

We are an \$18 billion unit of General Electric Company (NYSE: GE), employing more than 52,000 people worldwide and serving healthcare professionals in more than 100 countries. We believe in our strategy - and we'd like you to be a part of it. As a global leader, GE can bring together the best in science, technology, business and people to help solve one of the world's toughest challenges and shape a new age of healthcare.

Something remarkable happens when you bring together people who are committed to making a difference - they do!

At work for a healthier world.

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Posted Position Title: Senior Software Engineer

Career Level: Experienced

Function: Engineering/Technology

Function Segment: Applications and Software

Location: United States

U.S. State, China or Canada Provinces: Wisconsin

City: Waukesha

Postal Code: 53188-1696

Relocation Assistance: Yes

Role Summary/Purpose: The Molecular Imaging and Computed Tomography (MICT) business is seeking a Senior Software Engineer. This is software technical leadership role. The Senior Software Engineer will be accountable for successful delivery of one or more assigned modules, components or features in MICT product software. This will span the full life-cycle of these deliverables including analysis, design, development, release and maintenance.

Essential Responsibilities: The Molecular Imaging and Computed Tomography (MICT) business has been on a journey to completely transform software, including user experience, software architecture and software development processes. The launch of the Revolution CT scanner marked the completion of the first phase of this transformation. Our journey now continues as we evolve the Revolution architecture, flow it down to other parts of the MICT product line, integrate it more closely with the Predix For Healthcare (PFH) platform, cloud-enable our scanners, and build apps that improve customer clinical and operational outcomes.

Key Responsibilities Include (but are not limited to):

- Work closely with product specialists, systems teams and software architects to translate user clinical and workflow needs to software epics, features, use cases, stories and requirements.
- Design, develop, test, refactor and continuously improve product software.
- Deliver to expected timelines and quality standards.
- Apply Agile, Lean, Software FMEA and Continuous Integration methodologies to drive reliability upstream in the product development lifecycle.
- Continuously expand technical knowledge, keep abreast of emerging software technologies and apply them to MICT software.

Qualifications/Requirements:

Basic Qualifications:

Bachelor's Degree in Computer Science, Electrical Engineering or related computer field or Bachelor's Degree and 4 years of technical experience in the software development or equivalent (defined as High School Diploma/GED and 8 years progressive experience as an engineer or scientist within the appropriate field of study).

4 years experience developing software for complex systems or computerized products.

Software development cycle or automated testing experience.

Experience in object oriented design methodology and various programming languages, including C/C++ and Java.

Working knowledge in configuration management tools.

U.S. (Country) Specific Qualifications:

Must be legally authorized to work in the United States full-time.

Must be willing to work in our [city, state] facility full-time .

Must submit application for employment through gecareers.com (or COS if internal) to be considered.

Must be 18 years of age or older.

Must be willing to take a drug test as part of the selection process.

Must be willing to submit to a background investigation, including for example, verification of your past employment, criminal history, and educational background.

Additional Eligibility Qualifications:

GE will only employ those who are legally authorized to work in the United States for this opening. Any offer of employment is conditioned upon the successful completion of a background investigation and drug screen.

Desired Characteristics:

Preferred Qualifications:

Master's Degree in Computer Science or related STEM (Science, Technology, Engineering, Math) field.

8 years of Java experience.

Expertise in Java, Javascript, OSGi, multi-threaded programming, object-oriented design, service-oriented architecture, design patterns, Linux development.

Experience with REST, microservices, Linux containers, Play framework.

Experience developing cloud applications and cloud technology stacks.

Knowledge of Hadoop, NoSQL databases.

Knowledge of data science, predictive modeling, machine learning.

5 years of experience in Agile development including Continuous Integration, Automated Testing, Maven.

Experience developing and shipping safety-critical medical device software.

Technical team leadership experience.

Ability to work independently and drive initiatives towards successful outcomes.

Nearest Major Market: Waukesha

Nearest Secondary Market: Milwaukee

Job Segments: Developer, Medical, Computer Science, Product Development, Java, Technology, Healthcare, Research

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