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## Senior Developer/Architect

**SPAULDING MEDICAL** aims to provide hospital quality cardiac care that is affordable and accessible to all God's children.

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Reports to: Engineering Manager

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### **Job Summary:**

The Senior Developer / Architect is responsible for designing, developing and implementing software solutions to address complex business issues with a strong focus on security and scalability. The Senior Developer / Architect will coordinate with engineers and Spaulding Medical IT to ensure security and reliability across software systems.

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### **Essential Duties and Responsibilities:**

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- Architect and design a scalable and secure backend web application responsible for the management of medical information.
- Authors technical documentation surrounding software projects
- Coordinates with front and backend web developers ensuring efficient and secure integration between software components
- Coordinates with technical support personnel to troubleshoot and debug software / hardware issues.
- Contributes to discussions on software architecture and continuous application improvement
- Participates in software testing and validation

The Statements made in the job description are intended to describe the general nature and level of work being performed by people assigned to this job. These statements are not intended to be an exhaustive list of all responsibilities, duties and skills required of people assigned to this job.

### **Skills/Qualifications:**

#### **Required**

- Experience in software development using Java and / or .NET
- Spring, MySQL, JSP/GSP, JavaScript, and jQuery experience
- Experience with cloud infrastructure / PaaS
- Ability to work throughout the full software stack
- Ability to read, write, and interpret the English language
- Ability to lead by example and encourage team members to seek efficient solutions

- Excellent planning and organizational skills
- Excellent oral, written and presentation skills
- Strong understanding of the software development lifecycle
- Strong leadership, project management, time management, and problem-solving skills
- Basic knowledge and understanding of Quality Systems (SOPs, Work Instructions, CAPAs, and internal audits)

**Preferred**

- Groovy, Grails web development experience
  - Amazon Web Services experience
  - Experience developing enterprise software in a healthcare / clinical environment
  - Experience developing in a GXP environment
  - Experience developing FDA and Internationally regulated medical devices
  - Familiarity working with and under a ISO/IEC 62304 compliant software development process
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**Physical Demands:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Ability to sit, stand, walk, reach with hands and arms, and use hands along with fingers, to handle or feel.
  - Ability to lift and/or move up to 25 pounds.
  - Specific vision abilities required by this job include clarity of vision both near and far.
  - Ability to identify and distinguish colors.
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**Education and Experience:**

- Master's degree in Computer Science or related field.
  - 5 years of experience in a related field
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*Spaulding Medical management has the discretion to hire personnel with a combination of experience and education which may vary from the above listed skills and qualifications.*

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This is to acknowledge that I have read and understand the above job description. This copy supersedes any others previously distributed. I further understand that Spaulding Medical may change, add or delete any essential duties and responsibilities described at its discretion with or without prior notice.

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Employee Name (Printed)

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Date

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Employee Signature