
Systems Design and Support Engineer

SPAULDING CLINICAL aims to be the clinical research organization by which all others are measured. Pioneering in our approach to redefining how the industry perceives and achieves success; passionate in our pursuit of ingenious solutions that mitigate risk; loving in our care for our volunteers, customers and employees; and heroic in our ambitions to ensure the health and safety of people around the globe - Spaulding Clinical is taking **research beyond results** to create a marketplace of safer drugs.

Original Date: 04 Jan 2012

Revision Date: 30 May 2017

Position Supervises: None

Job Summary:

Responsible for managing the design and support life-cycle of Spaulding Clinical's custom technology solutions. The Systems Design and Support Engineer acts as a bridge between internal and external stakeholders related to custom solutions. A special emphasis on providing and communicating quality throughout the software development lifecycle is of utmost importance.

Essential Duties and Responsibilities:

- Provides technical insight during the design process by assessing possible technologies while keeping a focus on end users.
- Works with internal groups to gather requirements and provide the engineering department with areas of automation / optimization.
- Supports internal groups, clearly communicating complex technological solutions.
- Supports internal / external users of software with a special emphasis on automating business processes.
- Participates in computer software validation.
- Provides software contributions with an emphasis on service layer code.
- Constantly assesses industry technological developments.
- Contributes to discussions on software architecture and continuous application improvement.
- Develops reports for customers and internal stakeholders.
- Assists in formalizing technical documentation to meet internal and external quality guidelines.

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
 - Ability to work throughout the full software stack
 - Experience developing with web application frameworks
 - Ability to read, write, and interpret the English language
 - Demonstrated 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 cycle
 - Strong leadership, project management, time management, and problem solving skills
 - Experience developing in GXP environment
 - **Preferred**
 - Spring, MySQL, JSP/GSP, JavaScript, and jQuery experience
 - Groovy, Grails web development experience
 - Experience developing software in a healthcare / clinical environment
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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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Hazards:

- Potential for exposure to toxic or caustic chemicals
 - Potential for exposure to blood borne pathogens
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Education and Experience:

Job Description

- Bachelor's degree in Computer Science or related field preferred.
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Spaulding Clinical Research management has the discretion to hire personnel with a combination of experience and education which may vary from the above listed skills and qualifications.

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 Clinical may change, add or delete any essential duties and responsibilities described at its discretion with or without prior notice.

Employee Name (Printed)

Date

Employee Signature