
Sr. Software 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: 21 Mar 2014

Revision Date:

Position Reports To: CEO

Position Supervises:

Job Summary:

Responsible for designing, implementing, maintaining, troubleshooting, and training individuals in software, code, and technology that is designed to automate the reporting of Biometric data. A special focus is required in gaining the respect and confidence of Spaulding Clinical partners and the pharmaceutical and medical industries as a whole as a leader and innovator.

Essential Duties and Responsibilities:

- Assess complex technical challenges, and provide simple software solutions.
- Participate in rapid prototyping of software to meet business needs in a timely fashion.
- Serve as technical lead on new products and technology.
- Serve as consultant to department staff in interpretation and creation of databases and data reports, in particular working with Biometrics team on process and technology improvement.
- Analyze the implication of changes in data needs on data structures.
- Extract data from various complex databases/systems for report generation.
- Act as interface between systems group and end users.
- Monitor data quality and integrity.
- Documenting and communicating technical solutions in order to meet and exceed company and industry quality standards.
- Participate in business improvement project teams.
- Analyze impact of process or technical tool changes on existing processes, tools, and interfaces based on knowledge of interdependencies of related functions and systems.
- Deliver training for end users on system.
- May lead cross functional user groups in optimizing the use of existing tools and reports.
- Consistently supports compliance and the Spaulding Clinical Standards of Operation by maintaining the privacy and confidentiality of information, protecting the assets of the

organization, acting with ethics and integrity, reporting non compliance, and adhering to applicable federal, state and local laws and regulations, accreditation and licenser requirements (if applicable), and Spaulding Clinical's policies and procedures.

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

- Strong desire to learn, innovate and grow
 - Demonstrated ability to lead by example through personal drive, energizing team members to seek solutions
 - Passionate about making a real difference in medicine and touching people's lives in a significant way
 - Minimum of 5 years of experience in software development required.
 - Software development and/or related healthcare/clinical research software experience with a large project strongly preferred.
 - Experience with programming health information systems and data interoperability desirable
 - Performance (SMART) Objectives
 - Experience in computer programming using web application frameworks.
 - Strong understanding of the software development cycle
 - Excellent planning and organizational skills
 - Excellent oral, written and presentation skills
 - Strong leadership, project management skills, time management, and problem solving skills
 - Experience in SDTM, ADAM, and other FDA regulated data standards is a plus.
 - Experience in SAS, both the proprietary application and language is a plus.
 - Ability to read, write, and interpret the English language.
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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:

- Bachelor's degree in Computer Science, Biomedical Engineering or related field.
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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.
