Senior Developer / Architect

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: 30 May 2017

Revision Date: 30 May 2017

Position Supervises:

Job Summary:

Responsible for designing, operating, maintaining, and troubleshooting software, code, and technology that is designed by and for Spaulding Clinical. A special focus is placed on gaining the respect and confidence of Spaulding Clinical's partners, customers, and the pharmaceutical / biotech industry.

Essential Duties and Responsibilities:

- Assesses complex technical challenges, and provide simple software solutions.
- Documents and communicates technical solutions to meet company and industry quality standards.
- Creates and maintains data structures to meet business needs.
- Serve as the technical consultant on new products and technologies.
- Performs system administration—including system security, software update management, and database maintenance.
- Analyzes the impact of process or technical tool changes on existing processes, tools, and interfaces based on knowledge of interdependencies of related functions and systems.

- Consistently supports compliance and maintaining of privacy and confidentiality of information, protecting the assets of the organization, acting with ethics and integrity, reporting noncompliance, and adhering to applicable federal, state, and local laws and regulations, and Spaulding Clinical's policies and procedures.
- Participates in computer software validation.

- Leads design reviews to assess performance against design specifications, test reliability, and evaluate system interactions.

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
  - o Experience in software development using Java and / or .NET
  - o Spring, MySQL, JSP/GSP, JavaScript, and jQuery experience
  - o Experience with cloud infrastructure / PaaS
  - o Ability to work throughout the full software stack
  - o Ability to read, write, and interpret the English language
  - o Demonstrated ability to lead by example and encourage team members to seek efficient solutions
  - o Excellent planning and organizational skills
  - o Excellent oral, written and presentation skills
  - o Strong understanding of the software development lifecycle
  - o Strong leadership, project management, time management, and problem solving skills
  - o Basic knowledge and understanding of Quality Systems (SOPs, WIs, CAPAs, and internal audits).

- Preferred
  - o Groovy, Grails web development experience
  - o Amazon Web Services experience
  - o Experience developing enterprise software in a healthcare / clinical environment

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.

Hazards:

- Potential for exposure to toxic or caustic chemicals
- Potential for exposure to blood borne pathogens

Education and Experience:

- Bachelor´s degree in Computer Science or related field.
- Strong experience and background in Java Technology and web hosting and development.
- AWS experience

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