



Position Title:	Senior Software Engineer	Job Code:	0393
Reports To:	Director, Web Services	Job Group:	PEC
Department:	Web Services	Salary Grade:	16
Prepared By/Date:	Andrew Seaga/4-29-2009	FLSA Status:	Exempt
Approved By/Date:	Andrew Seaga/6-22-2009		
Revised:	Jennifer C. Brito/6-22-2009		

Summary:

Develops information systems by studying operations; designing, developing, and installing software solutions; supports and develops software team.

Essential Duties and Responsibilities:

- Design and develop programming systems making specific determinations about system performance.
- Analyze system specifications and translate system requirements to task specifications for junior programmers.
- Responsible for analysis of current programs including performance, diagnosis and troubleshooting of problem programs, and designing solutions to problematic programming.
- Responsible for developing new programs and proofing the program to develop needed changes to assure production of a quality product.
- Document code consistently throughout the development process by listing a description of the program, special instructions, and any changes made in database tables on procedural, modular and database level.
- Provide assistance to testers and support personnel as needed to determine system problems.
- Provide recommendations to management concerning issues of programmer productivity and software development management.

Knowledge, Skills and Abilities:

- Knowledge of project management principles
- Strong knowledge of software design principals in application to Microsoft .NET platform
- Strong communication and team-working skills
- Excellent analytical and problem-solving skills
- Ability to develop solutions using enterprise level best practices
- Strong skills in SQL database design, ASP.NET.
- Strong skills in technical/development skills.
- Ability to write reports, business correspondence, and procedure manuals.
- Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations.
- Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.
- Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists.
- Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.
- Ability to work in a multi-ethnic and multi-cultural environment.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

While performing the duties of this job, the noise level in the work environment is usually quiet.

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 this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to sit and reach with hands and arms. The employee is regularly required to use hands to finger, handle, or feel objects, tools, or controls and talk or hear. The employee is occasionally required to stand and walk.

Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Essential Personnel:

Non-essential

Minimum Requirements:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

- Bachelor’s degree in MIS or Computer Science and seven (7) years of experience or a Master’s degree and three (3) years of experience.
- Five (5) years of the overall software development experience.
- Two (2) years of ASP.NET Application development DHTML, JavaScript, CSS, AJAX, XML and three (3) years of MS SQL .

ACKNOWLEDGEMENT

I have read and acknowledge receipt of a copy of my job description.

Signature

Date

Printed Name