



VZ: Job Description: Full Stack Developer

Date: 2015-11-13

Version: 1.2

Position Title: Full Stack Developer

Reports to: Chief Information Officer

Position Summary:

This person does front-end and back-end software design and development. This entails communicating effectively with project managers and other developers about requirements and proposed alterations to designs.

Responsibilities and Duties:

- 1) Requirement analysis:
Determining what, if any, additional information is needed in order to complete a task/project and reaching out to the correct entities in order to obtain this information, communicating about any potential misunderstandings (e.g. if the requested changes could break or damage the existing software and business processes)
- 2) Designing:
Foreseeing problems that could arise during coding and then preventing them by planning out any development beforehand, researching and quickly evaluating the viability of any tools or techniques that could accelerate development while simultaneously increasing the durability/performance/readability of the resulting code
- 3) Coding:
Doing so in a way that adheres to company best practices, and that correctly implements the design and addresses the requirements
- 4) Testing/debugging:
Planning and carrying out tests (use-case analysis, unit testing, integration testing), detecting bugs in existing products and communicating about them or fixing them as appropriate
- 5) Documentation:
Authoring of documentation needed by users and implementation partners
- 6) Innovation:
Noticing and proposing potential improvements to existing products

Competencies:



- Ability to work with minimal supervision
- Excellent problem solver, specifically within the domain of software development
- Enjoys programming
- Excellent oral and written communication skills
- Understanding of security vulnerabilities in the software stack, and familiarity with risk mitigation strategies
- Diligent with time management

Technical Competencies:

- High skill at all layers of the application stack (database, application, web back-end, web front-end, light design work)
- .NET Framework
- C#
- SQL language
- SQL Server
- IIS 7.0
- ASP.NET
- HTML
- JavaScript
- CSS
- Windows as a development platform and server environment

Diligent with time management

Authority:

Choose how to solve a request or problem, acquire external technologies, and access pre-production systems

Standards and Measurements of Performance:

The Senior Software Developer will meet or exceed company expectations with regard to:

- Objectives of performance evaluations
- Errors and delays

Education:

Bachelor's degree or higher in computer science or related discipline

Experience:



3 years' experience demonstrated success in a senior-level developer position in the software industry

Typical day for the Senior Software Developer:

Check task list on CRM and prioritize the day's tasks, attend morning technical meeting, work on given tasks in Visual Studio and SQL Server Studio environments, move tasks into pre-production environment and update CRM, perform follow-up work, attend afternoon technical meeting, be available for scheduled general meeting conference calls

The most difficult part of this position:

Time management and accountability of bugs and/or errors

The best part of this position:

Flexibility and creative freedom

Work Environment:

The person has an option of one of the three following work environments:

- On-site (Hampton Roads, VA)
- On-site (Greater Philadelphia, PA)
- Off-site (Remote)
 - 3 years' experience demonstrated success in a remote work environment
 - Once a month mandatory on-site presence at the Norfolk, VA location