

Information Systems Junior Application Developer

Classification:	Exempt
Band:	IV
Performance Factors:	Quality of Work/Technical Proficiency & Problem Solving/Creativity
Department:	Information Systems
Supervisor's Title:	Information Systems Senior Application Developer

Position Summary:

Serve as a web developer using the latest Microsoft technologies (including .NET MVC) while working under the guidance of a lead developer and architect to deliver web based applications that meet or exceed requirements spelled out in various software requirements specifications documents.

Position Functions:

- a. Design and develop web based applications in a .NET environment using C#, and ASP.NET including MVC without the aid of predefined templates
- b. Design and implement complex relational databases
- c. Communicate to both business and programmers using language appropriate to the situation (i.e. provide detail technical information to programmers while providing a high level overview to business sponsors)
- d. Write technical design documentation for the application in question so that once the application is deployed to production, support personnel will have appropriate information to support the system
- e. Perform release planning and assign tasks to other programmers
- f. Provide weekly progress reports to management
- g. Trains and assists users on appropriate use of systems
- h. Analyzes, communicates, and resolves problems in a timely manner
- i. Assists in devising strategies to meet the information management needs of the Federation
- j. Evaluates and recommends emerging technologies
- k. Assists with special projects as required
- l. Performs related work as required

Position Requirements:

<i>Education:</i>	Graduation from a four-year college or university with a major/minor in computer science.
<i>Experience:</i>	Three years or more experience designing, developing and maintaining web based applications

Skills and Abilities:

Essential Programming Languages

- Intermediate experience with Microsoft ASP.NET
- Basic understanding of jQuery/jQuery-UI and JavaScript framework stack
- Basic understanding of Microsoft SQL Server 2008 or greater
- An understanding of Microsoft IIS 7.0 or greater
- Has worked with Microsoft .Net 3.5 Framework or greater (Preferably .Net 4.0 Framework)

- Has experience with Microsoft Visual Studio 2010 or greater (Preferably Visual Studio 2015)
- Solid understanding of object oriented programming (OOP) concepts.
- Familiarity with LINQ-to-SQL or other object-relational mapping (O/RM) implementations (i.e., Entity Framework, Nhibernate, etc)
- Familiarity with writing unit tests

Non-Essential (i.e., Nice to have) Programming Languages

- ASP.Net MVC
- Team Foundation Server (TFS)
- Windows PowerShell
- TeamCity or similar continuous integration servers
- MvcContrib and “Portable Areas” concept
- SQL Server database administration and programming – intermediate experience
- .NET Framework – intermediate experience
- HTML / DHTML / XML – intermediate experience
- JavaScript/CSS – intermediate experience
- Familiarity with Twitter Bootstrap
- Basic understanding of the systems development life cycle
- Basic knowledge of database theory and ability to apply theory to practical applications
- Analytical skills for data mining, interpreting and creating reports from raw data

Architecture

- Demonstrates basic knowledge of object and component methodology and technology
- Possesses basic knowledge of classes, components, objects, and interfaces
- Recognizes the fundamental differences between the various internet browsers

Working Conditions:

- Possibility of travel two times each year, usually on weekends
- Overtime expected during outstanding and/or time-sensitive projects
- Office environment with all office equipment provided

For the performance evaluation process, two performance factors will be evaluated at twice the value of the remaining performance factors.