About the job

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| Managed Care plans have a statutory requirement to file Revenue, Expense and Utilization data to Department of Health (DOH.) DOH must supply the cost report software to the plans for completion. In addition, DOH is responsible to set Medicaid/Medicare rates for the plans for some of the programs. The cost report data is also used in the Risk rate methodology.  Creation/Enhancement of Software used to collect, submit, view, and extract data regarding managed care costs and statistics to be used for various purposes including setting Medicaid rates. |

JOB DESCRIPTION

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| Attend meetings with program area responsible for Cost Report applications.  2) Programming the WinForms desktop application, using an MVC (Model View Controller) architectural pattern per Technical Architect instructions.  3) Writing a server side and locally installed application for centralized and distributed systems per Technical Architect instructions.  4) Programming a user-friendly interface using complex data structures and complex form layouts in XML format. Creating a generic interface for users to create their own interfaces, depending on their needs per Technical Architect instructions.  5) Programming in .Net environment using GitHub version control software.    . |

Required Skills

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| 1. | 84 months experience with object-oriented analysis, design, and programming (OOA, OOD, OOP) as well as Service Oriented Architecture (SOA), N-tier architecture using MVC patterns. |
| 2. | 84 months experience programming in VB.Net together with Visual Basic 6 (using MSFlexGrid), along with a working knowledge of Java. |
| 3. | 84 months experience designing and maintaining Microsoft Office Visual Basic Applications using Visual Studio Tools for Office (VSTO), Excel VBA, “Office.Interop” application integration. |
| 4. | 84 months experience in analysis and design. ER, DFDs, Transitions diagrams, etc. High and low level design. |
| 5. | 36 months experience developing PC based Medicare/Medicaid financial applications. |
| 6. | 36 months developing WYSIWYG (what you see is what you get) financial systems. |
| 7. | 36 months experience using Microsoft Visual Studio 2010|2013 using Framework 4.0+ with experience in WinForms, Entity Framework (EF), and version control using GitHub. |
| 8. | 84 months experience designing systems using SQL Server loca  l Databases, ER Diagrams, Stored Procedures, Indexes, Triggers, Cursors and User Defined Functions. |
| 9. | 36 months experience developing XML frameworks, implementing OpenXml and ClosedXML frameworks and designing PDF documents using iTextSharp framework. |
| 10. | 36 months experience programming in ASP.Net (VB.Net), SQL Server, Web Services and implementing cryptography frameworks and Windows Communication Foundation (WCF). |
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**1.Difference between subroutine and function in VB ?**

**METHODS:**

Methods contain the executable statements of a program.

There are two types of methods: subroutines and functions

Functions are very similar to subroutines—their syntax is nearly identical, and they can both perform the same actions. Functions, however, return a value to the code that called it.

The main difference is not only the return value, it seems that subs are faster than functions (at least in .net) because the MSIL code of subs is much shorter when no value is returned. so overall subs are faster when no value is returned.

**2.Have you worked with interop services?**

**3.Did you have to convert the XML you consumed into a PDF?**

**4.Did you work with XML parsing and building for your service?**

**5.How do you have the authentication in your project?**

Form based authentication is providing an input form where users can enter the username and password with some logic in the application needed to validate those credential. MVC provides a lot of infrastructure support for Forms Authentication.

Forms authentication is highly customizable; you can customize everything from the sign in form to where the credentials are stored.

For example, Forms Authentication in ASP.NET relies on cookies by default. Once the user is signed in to an Application the runtime can issue a cookie on the browser. The browser will then send the cookie with every subsequent request to the application.  ASP.NET will see the cookie and know that the user is already authenticate and does not need to sign on again.

**6.How do you go about the resolving a maintenance issue?**