Mudiy Tennakoon

Full Stack .Net Developer

OBJECTIVE: Looking for a position involving in Intermediate to Senior Software Development

**Summary of Qualifications:**

* Over 9 years of professional experience in all stages of the SDLC (Software Development Life Cycle) and AGILE methodologies of development process of various windows- based (Client-Server) and web-based projects
* Extensive experience of developing enterprise wide multi tier software applications with exposure to diverse business domains including Government, Medical, Manufacturing and Commercial **using MS Technologies**
* Extensive experience in development of high quality coding that meets customer and technical requirements using Object Oriented Programming Principles and Service Oriented Architecture
* **Experience** design and development of **MVC/Razor and ASP.Net/ Web Form** User Interfaces using **HTML, CSS, Ajax, JQuery and JavaScript**
* Worked On Enterprise Architecture and **Responsive Web Design by BootStrap**
* **Worked on Single Page Application development using Angular 2/4/6**
* Experienced in communicating of messages between a client and a service using XML Web Services(SOAP) , Windows Communication Foundation (WCF) and REST Web API
* Work extensively with databases like SQL Server 2012/2008/2005, Oracle 10g/9i and MS Access
* Transformed data from other data resources to the server using DTL and **SQL Server Integration Services (SSIS)** (2005/2008) tools
* Extensive experience in Design and Development of Database objects and writing complex T-SQL/PL-SQL queries and Data Accessing using ADO.NET, LINQ to SQL and Entity Framework ORM methods
* Experience with MS Unit Test-Driven Development (TDD**)**
* Used Crystal Report, SSRS, Active report and 3D Slices report generating software to create custom reports for different users in the organization to fulfill their business needs
* Experience in creating and scheduling the **SQL Server agent** jobs to pull the data from different data sources using **SSIS (SQL Server Integration Services)** packages.
* Strong analytical and problem-solving skills that help detect and troubleshoot errors
* Excellent soft skills, such as good interpersonal communication, ability to work collaboratively, and commitment to achieving team goals
* Have very good understanding and experience in **Agile Scrum Methodology.**
* Experience in **SQL, PL/SQL, Database Triggers, SQL Stored Procedures,** **database-interfacing elements** in **ADO.NET like SQL command, Data reader, Data set and Data Adapter**
* Experience in development and implementation of **Restful** **Web** **APIs**, and exposes endpoints using **HTTP** verbs like **GET**, **PUT**, **POST** and **DELETE**
* Worked on Dependency Injection, Separation of Concerns and Inversion of Control
* Hands on experience in design using **Object Oriented Programming Principles** like **Inheritance, Polymorphism**  and Design patternslike **Factory**, **Singleton and Repository**.
* Experienced in **AGILE**methodologies.
* Experience using Team foundation server (**TFS**) and **GIT**for check in and checkout of code.

**TECHNICAL SKILLS**

**MS Technologies :** C#, VB.Net, ASP.Net, MVC4, VB6, Entity Framework 4, LINQ to SQL, ADO.Net, TFS, IIS 7

**Web Technologies :** WCF, XML, HTML5/CSS3, REST Web API, Web Services(SOAP/WSDL),Angular 2/4/6, BootsTrap

**Methodologies:**SDLC, RAD, OOAD, SOA**, Agile Scrum, Repository Design**

**Language/Scrip**t : JavaScript, j-Query, Ajax

**Database :** MS SQL Server 2008/2005, Oracle 10g & 9i, MS Access

**ETL Tools :** Data Transformation Services (DTS), MS SQL Server Integration Services (SSIS)

**Reports :** Crystal Reports 10 & 8.0, Active Reports, SSRS, 3D Slices

**Testing :** TDD(MS Unit), Integration/System testing

**Tools :** TFS, TELERIK Controls/ Fiddler, JIRA, GIT

**Industry Experience :** Government, Medical, Manufacturing, Commercial

**Training :** SharePoint 2013/2007, Java, Angular 6 and .Net Core 2.1

**EDUCATION**

Database Administration Certificate, SAIT, CANADA 2010

International Qualifications Assessment Service, CANADA 2010

Bachelor of Science in Mathematics and Physics, SRI LANKA 1992

**TRAINING**

Oracle Certified Associate 2011

Microsoft Office SharePoint Server 2007 Certificate Course 2009

Microsoft Visual C#.NET 2005 Certificate Course 2007

**PROFESSIONAL EXPERIENCE**

**Full Stack C# Application Developer**

**ITCON, Washington, DC (May, 2017 to date)**

**Project : STFRS (Sales, Tracking, Financing and Reporting System)**  
Development and Production support for the STFRS is a Web based Software Application used for Sales, Tracking, Financing, Inventory and Reporting the activities carried out in our client place.

**Responsibilities:**

* Responsible Enhancements /Production issues and Maintenance of the STFRS Software Solution using C#.NET MVC in Service Oriented Architecture
* Created Tables, **Stored Procedures, Views, Triggers**and**Complex T-SQL** queries in SQL Server 2012
* Developed UI Pages using Angular4, HTML5,CSS3,Javascript and Type Script
* Implemented server side business logic using C#, REST Web API services to implement business logic
* Implement Repository layer to communicate between Business and Data layers
* Provided database connectivity using database first ORM -Entity Framework /LINQ Queries for MS SQL Server 2012
* Implemented Telerik controls for developing rich web controls like Tree, Panel & Grid control to generate and display the user required information
* Used SSRS Report generating tool to create custom reports as per User requirements
* troubleshoot using Fiddler HTTP proxy, production support and MS Unit Test Driven Development (**TDD**)
* Maintaining records in Excel Spread Sheet and exporting data into SQL Server Database using **SQL Server Integration Services**.
* Worked with other specialized staff (operations, database management, and client support staff) on deployment questions
* Worked with version controller Team Foundation Server (TFS) for maintaining history of source-code and project documents.

**Technology:** Microsoft .NET Framework 4.5, C#, MVC6, ASP.NET, Entity Framework, jQuery /Angular4, REST/Web API, Fiddler, SSRS, SSIS , TFS, MS SQL 2012

**C# Software Developer**

**Fujitsu Canada,Edmonton AB, (October 2016 to March 2017)**

**Project 2: Report Developments for the following systems at Service Alberta**

* FACTS Reporting System
* IRIS : Inactive Records Information System
* SAbRIO : Service Alberta Registries Invoices Online
* OSSI/SSAS ( Includes 3 systems)
* SSM : Surplus Materials
* OSSI : Online Surplus Sales Information System
* ASVP : Abandoned Seized Vehicles Program
* CORS : Corporate Registry System
* VISTAS : Vital Statistics System

**Responsibilities:**

* Created the entire code in all the layers for the system to generate and implement the reports data using C#/MVC
* Create objects: views and stored procedures for report generation in SQL Server 2012
* Responsible for converting Crystal Reports in the old systems to the SSRS format
* Create complex SSRS reports such as Ad-hoc reports, drill down and drill through reports and cross tab reports using MS SSRS 2012
* Re-Code the web forms to integrate the new SSRS reports to the Software Applications, Testing and Bug fixing
* Generated multi parameterized reports in MS SSRS 2012 allowing users the ability to make selections before executing reports; thus making them user friendly
* Administrated the created Reports by assigning permission to the valid user for executing the reports
* troubleshoot using Fiddler HTTP proxy, production support and MS Unit Test Driven Development (**TDD**)
* Used TFS for the source & document version control
* Worked with other specialized staff (operations, database management, and client support staff) on deployment questions

**Technology:** Microsoft .NET Framework 4.5, C#, ASP.NET, SSRS, Crystal Reports, TFS, MS SQL 2012

**Senior C#.Net Software Developer**

**ITCON, Washington, DC, USA (Nov. 2015 to Sep. 2016)**

**Project : STFRS (Sales, Tracking, Financing and Reporting System)**  
STFRS is a Web /Mobile based Software Application used for **S**ales, **T**racking, **F**inancing, **I**nventory and **R**eporting the activities carried out in our client place.

The system provides a platform for enterprise-wide collaboration and links all members of the team for optimizing performance. **STFRS** is centered around email-driven, work flow, self-service technology engine that gives complete freedom to the users to enter data, track data and generate reports without support and to update task status and receive email alerts. To keep the system secure and agile, the software has been designed in such a way that the access to the modules is granted to the users based on the roles and job specific functions.

**Responsibilities:**

* Responsible for gathering requirements, Analyze, Design documents and Development STFRS Software Solution using C#.NET MVC in Service Oriented Architecture
* Created Tables, **Stored Procedures, Views, Triggers**and**Complex T-SQL** queries in SQL Server 2012
* Implemented server side business logic using C#, REST Web API services to implement business logic
* Responsible in front end (client side) coding using Jquery, HTML, CSS and Ajax programming
* Provided database connectivity using database first ORM -Entity Framework using MS SQL Server 2012
* Implemented Telerik controls for developing rich web controls like Tree, Panel & Grid control to generate and display the user required information
* Used SSRS Report generating tool to create custom reports as per User requirements
* troubleshoot using Fiddler HTTP proxy, production support and MS Unit Test Driven Development (**TDD**)
* Used TFS for the source & document version control
* Worked with other specialized staff (operations, database management, and client support staff) on deployment questions

**Technology:** Microsoft .NET Framework 4.0, C#, MVC4, ASP.NET, Entity Framework, jQuery, REST/Web API, Fiddler, SSRS, TFS, MS SQL 2012

**C# Software Developer**

**Medical Software, Calgary AB, CANADA ( May 2015 – October 2015)**

**Project :** **(PMRMS) Patients Medical Record Maintenance Solution**

The Patients Medical Record Maintenance Solution that handles Patient/Insurance Billing, Patient Information Management, Scheduling, Electronic Faxing, Electronic Prescriptions, Document Management, Off-site health Synchronization Capabilities and Custom Report Templates. Includes a powerful document imaging feature which will enable user to scan and import images directly into a patients' record.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance using Agile methodology with daily scrums and sprint planning
* Assisted end-user community with SharePoint site customization, scripting and web page creation.
* Extensively involved in developing components for Business layer and Data Layer, implementation in C#/MVC in Service-Oriented Architecture (SOA)
* Created REST Web API to implement the business logic by communicating with the other services
* Data migration from excel to newly developed system using SSIS tool, write stored procedures, triggers, T-SQL queries in MS-SQL Server
* troubleshoot using Fiddler HTTP proxy,, production support and MS Unit Test Driven Development (**TDD**)
* Generated medical reports using SSRS/3D Slicer
* Collaborated with management and users regarding project status and needs

**Technology:** Microsoft .NET Framework 4.0, C#, ASP.NET, MVC4, Entity Framework, SharePoint 2013, Ms SQL, JavaScript, SSRS, SSIS, jQuery, XML, 3D Slices

**C# Software Developer**

**City of Calgary (Municipal) , Calgary AB, CANADA (December 2012 – April 2015)**

**Project 1: City of Calgary Vehicle Park Online Software Application**

The Calgary Park Online Application consists of two parts.

The Administration section allows administrators to add, update, and remove specific information. The other component allows

citizens to reserve a parking lot and pay parking tickets easily and conveniently.

**Project 2: City of Calgary Recreation Asset Planning Tool**

The Recreation Asset Planning Tool is used for managing assets in recreation centers of the City of Calgary.

­­

**Project 3: City of Calgary Land Title Information Software Application**

Land Title Information Application is used to keep records and manage citizens Land Title details in the City of Calgary municipal area

**Responsibilities:**

* Interacting with client team to understand the business requirements
* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance using Agile methodology with daily scrums and sprint planning
* Extensively involved in developing components for Business layer and Data Layer, implementation in C#/MVC in Service-Oriented Architecture (SOA)
* Created REST Web API services/ WCF Web services to implement business logic components
* Helped DBA team on table design and development, create stored procedures, Functions and Sequences and Transformed data from one server to other servers using **SQL Server Integration Services (SSIS)** 2008
* Used Entity Framework as ORM (object relational mapping) tool to map to the database
* Coordinating the release process, test and production environments.
* troubleshoot client-side traffic through Fiddler and production support
* Software Unit testing using MS Unit Test Driven Development (**TDD**)
* Created Custom Reports for different users in the organization using Active Reports
* Participated in daily Scrum and bi-weekly sprint planning meetings

**Technology:** Microsoft .NET Framework 4.0, ASP.NET, Entity Framework, JavaScript, jQuery, CAAF(City Application Architecture Framework), Telerik Controls, WCF, REST/WEB API, Oracle 10g/MS SQL 2008, Active Reports, LINQ, SOA, SSIS

**Programmer Analyst**

**Daishowa-Marubeni International Ltd ,Peace River, AB CANADA (December 2011 to August 2012)**

**Project : Lot Tracking Software Application**

Lot Tracking Software System is a web based information system that serves as the information system

to maintain rail cart details.

­­­

**Responsibilities:**

* Analyzed, re-designed and enhanced code in existing internal applications and develop new software programs and enhance for business/ technical applications using Visual C#, VB.Net, MS SQL Server 2008 and Oracle 10g
* Conducted impact analysis when addition, removal and modification of new and existing software artifacts
* Created, modify and update the SQL server 2008/Oracle databases 9I/10g database objects
* Maintained business applications’ ongoing maintenance, upgrades, end user technical assistance and configurations.
* Performed preventative maintenance, including the installation of service packs, patches, hot fixes and anti-virus software
* Tested new programs to ensure that logic and syntax are correct, and that program results are accurate
* Data migrated to the new db objects from the other outside resources
* Used Crystal Report tool to generate custom reports for different users in the organization to fulfill their business needs
* Actively involved in trouble shooting, bug fixes and enhancements post production as per the end user’s requirement

**Technology:** Microsoft .NET Framework 4.0, C#, VB.Net, MVC3, ASP.NET,JavaScript, HTML, CSS,SQL Server 2008, SSRS, SSIS

**Net Application Developer**

**Select Solutions, Calgary AB CANADA (January 2011 – December 2011)**

**Project: Oil Well Maintenance System**

Designed and developed windows-based client server Oil Well Maintenance System software Application to maintain oil wells and prepare documents to submit to the government and other clients

**Responsibilities:**

* Reviewed, analyzed and designed a software system to maintain details of oil wells
* Developed the database objects using MS SQL Server 2008 and data migrated to the new db objects from the outside resources like Excel sheets
* Used ORM LINQ to SQL to connect to the Database
* Developed the software system using Visual C#.Net
* Tested new programs to ensure that logic and syntax are correct, and that program results are accurate
* Used Crystal Report tool to generate custom reports for different users in the organization to fulfill their business needs
* Actively involved in trouble shooting, bug fixes and enhancements post production as per the end user’s requirement

**Technology:** C# 2010 .Net Framework 4.0, MS SQL Server 2008, LINQ to SQL, Crystal Report 11

**Software/Database Developer**

**Veracity Energy Services, Calgary, AB CANADA (October, 2010 to December, 2010)**

**Project: Development of Licensing and contractors Maintenance system**

Developed a Windows-based client server internal software tool to monitor and maintain contractor’s licencing. This is an important tool to be used when searching a suitable contractor for Oil and Gas companies as well as to help assess registered licensed in Alberta.

**Responsibilities:**

* Analyzed, designed and developed a software system to track oil well maintenance consultants using Visual C#.Net and MS SQL Server 2008 /SSRS
* Extensively used **ADO.NET** and data objects such as Data Set, Data Adapter and XML Text Reader/Writer for consistent access to MS SQL Server 2008 data sources
* Use SOAP web services to call services to check status of the registered oil and gas contractors
* Actively involved in trouble shooting, bug fixes and enhancements post production as per the end user’s requirement
* Data migration from MS Excel to MS SQL Server 2008
* Used Crystal Report tool to generate custom reports for different users in the organization

**Technology:** C# 2010, MS SQL Server 2008 and Crystal Reports, ADO.NET

**Software Developer**

**Debug Computer Software Ltd, Sri Lanka. (October, 2006 to June, 2009)**

**Project: *“i-Das” internal ERP system***

“i-Das”, organization’s internal ERP system consists of several components such as HR, Accounting, Engineering, Export and Import, Stock control, Sales and Invoice to computerize daily operations of the company. This is a mainly a Windows-based application and few components are developed in web based to access those components from outside.

**Responsibilities:**

* Reviewed, designed*,* developed and maintained online internal ERP solution “i-Das” for Accounting,   
  Salaries /Wages, Sales/ Marketing, Imports/ Export, Engineering services, purchasing, stock control and intranet inventory management using C#/ ASP.NET
* Developed and maintained branch office applications using VB6 and Oracle 9i
* Continuously improved the organization's ERP System; adding new functionality and improving user ability to maintain without technical support
* Designed, developed and maintained company databases using MS SQL Server 2005 and Data transformation from outside resources to the new database objects using Data Transformation Services (DTS)
* Extensively used **ADO.NET** and data objects such as Data Set, Data Adapter and XML Text Reader/Writer for consistent access to MS SQL Server 2005/Oracle 9i data sources
* Used Crystal Report 9 reporting tool to generate custom reports for different users in the organization to fulfill their business needs
* Performed preventative maintenance, including the installation of service packs, patches, hot fixes and anti-virus software
* Tested new programs to ensure that logic and syntax are correct, and that program results are accurate
* Responsible for the management of the database performance, backup, replication, capacity and security
* Communicated application problems and issues to key stakeholders, including management, end users, and department managers
* Actively involved in bug fixes and enhancements post production as per the client’s requirement

**Technology:** C#, ASP.NET, VB6, MS SQL Server 2005, ADO.NET, Oracle 9i, Crystal Report 9