Ajit Kumar [Jason.brown@altius.us.com](mailto:Jason.brown@altius.us.com)

Sr.Net Developer 801-901-3508

### PROFESSIONAL SUMMARY:

* **7** years of experience in Developing **.NET**, Web Based Applications, Windows Applications using **C# (4.0/3.0/2.0) .NET Framework (4.5/4.0/3.5), ASP.NET (5.0/4.0), VB.NET (9/8/7), ASP.NET MVC Framework 5.0/4.0, ADO.NET, AJAX, LINQ, WCF, WPF, WWF, Silver Light (4.0/3.0), IIS 8.0/7.0, Web Forms, Win Forms,** using **HTML 4/5, CSS (2/3), Bootstrap 3, XHTML, Angular JS (1.4), JavaScript, jQuery (2.0/1.0), Razor, VB Script, AJAX, XML/XSL/XSLT, JSON SOAP, .NET Remoting, Visual Studio.Net 2013/2012/2010/2008/2005,Master Pages, Web Services, Windows services** and **Server Controls**.
* Extensive experience in **.NET** applications based on **Object Oriented Programming (OOPS)**, Internet Technologies, Web based, Client/Server, n-tier and **Service Oriented Architecture (SOA).**
* Experience in **Agile** software development methodology and Test-driven development **(TDD)** including **SCRUM** Framework
* Exceptional working knowledge in all phases of **SDLC (Software Development Life Cycle)**, participated in Analysis, Design, Implementation, Testing and Deployment of multiple project implementations.
* Experience in developing User Interface using **Web Forms**, **Win Forms**, **AJAX Toolkit, CSS, HTML** and **jQuery, Angular JS**.
* Experience with Client-Side Frameworks **jQuery /Angular JS** and used **AJAX** for the Asynchronous data transfer between the client and the server for creative and interactive web applications, mainly focused on performance improvement.
* Developed **ASP.NET MVC 5.0/4.0** applications using **Code First Approach** in **Entity Framework 6.0** and UI in Razor View Engine and also have experience with the **MVC** Architecture.
* Experienced in **XML Web Services (SOAP, WSDL and UDDI)**, Service Oriented Architecture **[SOA]** concepts using **.NET Framework.**
* Expertise in creating Views, Partial Views, Strongly Typed Views, Sections, and Areas etc. In **ASP.NET MVC**, and Created the Controllers and Controller Actions, Filters, Routing using **ASP.NET MVC.**
* Experience in development and implementation of **Windows Communication Foundation (WCF),** and also responsible for developing **WCF** based Service, Data, Fault and Message Contracts and services.
* Expertise in developing applications using **.NET** application building blocks (Site Map, Data access, Exception Handling, State management).
* Experience in using **Web API (Restful services)** and **N-Hibernation** to fetch data and bind it to UI using **AngularJS** as a View Model.
* Worked extensively with different **ADO.NET** objects to interact with database and good experience in using **ADO.Net** objects such as **SQL Connection Object, SQL Command Object, Data Reader, Dataset and Data Adapter.**
* Extensive Experience with **ORM technologies** like **Entity Framework 6.0/5.0/4.x Database First, Code First** and performance tuning in **Entity Framework**.
* Experience with **ORM** and its related components: **Entity Framework 7.0/6.0/5.0/4.3**, **Language-Integrated Query** (**LINQ**) queries and retrieve data from different data sources (**LINQ to Objects, LINQ to XML, and LINQ to SQL**), **ASP.NET** Providers and Typed Datasets.
* Experienced in improving performance and avoiding **SQL** injections by using **LINQ** expressions or **Lambda** expressions on multiple data sources, and usage of strongly typed objects **IEnumerable<T>/IQueryable<T>**
* Worked on reading and generating **XML files** and related technologies like **XSL, XSLT, XAML and X-Path**
* Working experience in data Modeling and implementing **tables, views**, **stored** **procedures**, **functions**, and **Triggers** using **T-SQL** and **PL/SQL**. Extensive knowledge of writing complex queries using **SQL**.
* Hands on experience with SQL **Server Reporting Services (SSRS), SQL Server Integrating System (SSIS) using SQL 2008/2005.**
* Worked with Serialization concepts in .NET and Security related issues for Web services i.e. providing the Certification to the Client, **Windows Based Authentication, Form Based Authentication and SOAP Envelope.**
* Used versioning tools using **Microsoft Team Foundation Server (TFS) 2012/2010/2008, Clear Case and Visual Source Safe (VSS)** for version controlling of the Application.
* Performed **Unit Testing (using N-Unit), Integration Testing, Performance Testing** and **System Testing**.
* Reproducing production issues in **UAT / DEV/ SIT** environments to analyze and solve the problem.
* Excellent Analytical and Programming abilities in using technology to create elegant, flexible and maintainable solutions for complex problems.

## TECHNICAL EXPERTISE:

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| --- | --- |
| **Programming Languages:** | C, C++, C#.Net (4.5/4.0/3.5), VB.NET (10.0/9.0), T- SQL, PL/SQL. |
| **Web Technologies**: | ASP.NET 4.5/4.0/3.5, ASP.NET MVC 5.0/4.0, Silverlight 4.0/3.0, ASP.Net, Ajax 3.0, JavaScript, jQuery, Angular JS, Require JS, Node JS, grid, WEB API, REST/RESTFUL, HTML, CSS, BOOTSTRAP. Win forms, WPF, Silverlight. XAML, XML, XSD, XDOCUMENT, XSLT, XPATH, XSL, VXML. |
| **IDE Tools**: | Visual Studio 2015/2012/2010/2008/2005, SQL Server Management Studio |
| **.Net Framework**: | .Net Framework 4.5/4.0/3.5/3.0. |
| **Databases**: | MS SQL SERVER 2012/2008/2005, MS Access 2010/2007, Oracle 10g/9i/8i. |
| **Reporting Tools**: | SSRS 2008/2008 R2, SSIS 2008/2008 R2, Crystal Reports (2010/9/8.5/8). |
| **Version Control Tools:** | Visual SourceSafe (2005), Subversion, TFS (2012/2010/2008). |
| **Middleware:** | WCF, ADO.NET 4.0/3.5/3.0/2.0, MSMQ, Entity Framework 5.0/4.1, Web Services, Enterprise Library 5.0/4.0/3.1. |
| **Others:** | Windows 2008 R2/2008/2003, XP, Vista, Windows 7, 8, 10. Linux, UNIX. Windows Server 2012/2008/NT, Microsoft IIS (7.0/6.0/5.0/4.0). UML, MS Visio 2010/2007. Tortoise SVN. |

## EDUCATION:

* Bachelor’s Degree in Computer Science & Engineering, Hyderabad, India.

## WORK EXPERIENCE:

**Department of Children and Families, State of Florida, Tallahassee, Florida. Mar 2016 – Present**

**Sr.Net Developer**

**CARES**

**Description: “CARES** "Childcare Administration, Regulation and Enforcement System" Web Portal, helps the Florida Department of Children and Families counselors and supervisors to effectively do their job, by helping them to maintain details about [providers](https://jaxtec.sharepoint.com/sites/DCF/KBWiki/Pages/Provider.aspx) and [Person](https://jaxtec.sharepoint.com/sites/DCF/KBWiki/Pages/Person.aspx)nel who are related to the  child care provider (staff, household members etc.). The system will allow to communicate with outside parties via email. Creating new templates in CCRA (Child Care Regulation Application) will help to accommodate new provider types introduced by CCDF (Child Care Development Fund). The system will have support for Registered Home and Religious Exempt providers and a user dashboard for each role type in the CARES platform.

**Responsibilities:**

* Implemented **OOPs** concept to properly structure, secure and minimize codes.
* Implemented the AGILE software development process, using SCRUM methodology.
* Responsible for designing the ASP.NET application authentication using **.NET Framework**, Model View Controller **MVC** and **IIS security model.**
* Responsible for Designing and Developing the Reusable UI Components Like MVC Master Pages **“Layouts and Nested Layouts”**, **“View Start”** and MVC User Controls **“Partial Views”**
* Actively involved in coding and designing using **C#, JavaScript, HTML5,** and **Cascading style sheets (CSS3).**
* Developed very responsive, elegant views for web pages using the **Bootstrap** **CSS Frameworks**.
* Used **ASP.NET MVC 4.0** framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Used **Entity Framework 6.0/4.3** and made LINQ queries to connect to the database and implemented CRUD functionality with **Entity Framework** Code First and Database First approaches with **ASP.NET MVC 5.0/4.0**.
* Used **JSON** to transmit data between **Server and Web Application**, an alternative to **XML Serialization**
* Developed **REST APIs** that allow sophisticated, effective and low-cost application integration and multi-tier web applications with the use of Web Services using **ASP.Net Web API.**
* Used **JSON** (JavaScript Object Notation) format to serializing and transferring of data.
* **LINQ** was extensively used in view extension to parse out unnecessary information and to make call to **SQL** database.
* Performed complex parameterized **SQL queries** to multiple tables in SQL server 2012 and implemented **Joins** in **Stored Procedures** to get the desired data by joining multiple tables in Domain layer.
* **Unit tested** various components of the program to make sure all the components were behaving properly.
* Developed custom reports for large data sets.
* Used **Telerik Reporting** Tool to develop custom reports in the web application.
* Improved the existing Windows Forms business application.
* Implemented **Model-View-Presenter (MVP**) Pattern for the Windows Application.
* Worked on Telerik Test Studio, to create test cases for the web application.
* Performed **Unit Testing** (using **N-Unit** and **MS-Unit**) and involved in Debugging & Supporting the application.
* Work on the production issues when assigned.

**Environment:** Microsoft Visual Studio 2015, C#, ASP.Net 4.5, jQuery, AJAX, Entity Framework 6.0, XML, HTML, Bootstrap, SQL Server 2012, Telerik Test Studio, Telerik Reporting.

**American Express - Phoenix, AZ Apr 2014 – Feb 2016**

**Sr.Net Developer**

**Amex Servicing Portal**

**Description:** The "Amex Servicing Portal" is the mainstream web portal which helps the Amex customer care to service the Card Member when they call upon for different needs related to their Amex Cards. A few of the functionality includes displaying Balances, Triggering Payments, Displaying APR rates and APR offers of the calling card member

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Experience in working with two-week sprints in an **Agile/Scrum** environment.
* Responsible for developing the reusable Components on **UI**(**Views**) by developing the **Partial Views, View starts**, and reusable components for implementing the business rules with **C#** and **OOPS** Concepts.
* Implemented **CRUD functionality** with Entity framework in **ASP.NET MVC** and implemented sorting, filtering and pagi­ng with **Entity Framework Code First** in **MVC**.
* Implemented sorting, filtering and paging with Entity framework in **MVC**.
* Responsible for making **AJAX** Calls for the **UI** Interactions to the **Controller Actions** using **Angular JS** and getting the Data back as **JSON** and parsing it onto the **UI**.
* Performed **DOM** manipulations, create Templates, Directives, Factories, Controllers, and established tow way Data binding using **Angular JS**.
* Created drill down, drill through, sub and linked reports using **MS SSRS** as well as managed the subscription of the reports.
* Converted Data Transformation Services application to **SQL Server Integrated Services** (**SSIS**) has assigned.
* Written Queries **using T-SQL Statements**, Views, User Defined Functions, Stored Procedures, Triggers in S**QL Server 2008** for inserting/Updating/Deleting the data into the relational tables.
* Creating Tabular Reports, Matrix Reports, Parameterized Reports, Sub reports using **SQL Server Reporting Services 2008 R2** and Created ad-hoc reports Using Report Builder.
* Created different types of reports such as drill down, drill through, parameterize and dash board reports and schedule them according to business requirement using **SSRS**.
* Developed various stored procedures for the data retrieval from the database and generating different types of reports using **SQL** **reporting services** (**SSRS**).
* Worked Extensively with Query Optimization Techniques to Fetch Data with better Performance Tuning.
* Implemented **Unit testing using NUNIT.**
* Responsible for maintaining versions of source code using **Team Foundation Server 2010.**
* Involved in writing technical specifications design document, deployment documents and operations guide for operation support.

**Environment:** C#4.5, ASP.NET MVC 3.0/4.0, HTML 5, HTTP, ASP.NET4.5, WCF, Web API, Razor, ADO.Net, Angular JS1.4, LINQ, JQuery2.0/1.0, XML, JSON, Enterprise Library Logging, Java Script, Service Locator, Visual Basic, SQL Server 2008 R2(SDS), T-SQL, SSRS, SSIS, MS Test, Visio 2012, .NET, Entity Framework (Code First)6.0/4.0, UML, VBA, Team Foundation Server 2010, Windows Server 2008/2008 R2, VisualStudio2012/2013, IIS 7.0.

**SPRINT, Overland Park, KS May 2013 – Mar 2014**

**Sr. Net Developer**

**Sales Escalation Tool (SET)**

**Description:** This Project provides all type of sales related activities in telecom domain like raising the ticket by a sales executive could be routed automatically to the work-queue based on the internal algorithm. When the problem closes, it sends an email to the concern executive automatically about the status. Provide the detailed reports for the manager about the performance of the employees, adding and deleting the Meta team to the administrator of this module along with the read permissions to the Manager

**Responsibilities:**

* Involved in the complete **Software Development Life Cycle** including Analysis, Design, Implementation, Testing and Maintenance.
* Developed solutions for diverse programming scenarios in **C#**, employing **Object Oriented Programming (OOP)** concepts such as: encapsulation, inheritance, polymorphism, and abstraction.
* Extensive Experience in Implementing **View, Model, Controller and View model** by using **ASP.Net MVC 4.0/3.0** Framework**.**
* Used **ASP.NET MVC4** Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
* Implemented UI layer using **Partial views,views, Layouts, Themes by using Razor, Bootstrap, HTML5**.
* Created **Html Helpers** in order to reduce the amount of tedious typing of HTML tags.
* Used **JQuery** to perform validations and catch the events on client’s browser.
* Implemnted Popup Calendar **for jQuery UI Datapicker using HTML5, JQuery**.
* Responsible is using **jQuery** for Client-Side Validations, Calling the Controller Actions, and Making calls to the **WCF** Services
* To retrieve the data in the form of objects and properties, such as customers and customer addresses, without concerning them with the underlying database where this data is stored using **ENTITY FRAMEWORK**.
* Used **Entity Framework** to design conceptual data access layer from relational database to get the data from database
* Implemented add and attach entities to **EF** context, tracking the state of entities in disconnected or N-Tier scenario.
* Integrated process into build system which auto-generates **REST API** documentation from source code improving **API** documentation quality and availability while reducing maintenance costs.
* Implemented the **WCF** Data Contracts versioning by using Knowntypes and **IExtensibleDataObject**, Ordering and enforcing required data when contracts consumed by clients.
* Exclusively used **jqGrid** to display and save data, along with various **jqGrid** features like load once, custom formatter, and custom alignment
* Used **LINQ** to Entities to build set of operations, parameters and expression during execution a set of data from **SQL Server**
* Expert in writing **T-SQL** statements for creating **Tables, Indexes, Views** and **Constraints.**
* Extensively worked in writing **SQL queries**, **Stored Procedures**, **Database Triggers**, **Cursors**, **Exception Handlers, and DTS Export & Import**.
* creating **ETL** packages using **SQL Server 2005 Integration Services (SSIS)**
* Created complicated reports like parameter based reports, sub reports, well formatted reports, matrix reports, chart and tabular using **SSRS 2008**.Extensively used Report Wizard, Report Builder and Report Manager for developing reports and deploying reports in **SSRS**
* Experience in generating Custom Reports and different types of Tabular, Matrix and distributed reports in multiple formats using **Crystal Reports** and **SQL Server Reporting Services** (**SSRS)**
* Used Team Foundation Server (**TFS**) for Version Control, Team build, Project Management, Data Collection and Reporting

**Environment:** C#4.5, VB.NET7, VisualStudio2010, ASP.NET4.5, WCF, Entity Framework 4.0, JQuery1.0, TFS 2010, WCF, Java Script, IIS 7.0, AJAX, Agile, ADO.NET, Angular JS, LINQ, MVC 3.0/4.0, REST/SOAP, PL/SQL, IRWIN Microsoft Enterprise Library, XML, NUNIT, SQL Server 2008 R2/2008, SSIS, SSRS, Windows XP, UML, Windows Server 2003, Windows Server 2008 R2/2008.

**Zurich Insurance - Schaumburg, IL** **Jan 2012 – Apr 2013**

**.Net Developer**

**Automated Regeneration System (ARS)**

**Description**: The Auto Insurance Project Automated Regeneration System (ARS) is aimed at maintaining and developing the existing application that generates appropriate Insurance quote based on the information provided by the customers.

**Responsibilities:**

* Interacted with the end-users to identify business requirements and gather the requirements for business logic fulfillment.
* Used **AGILE SCRUM development Methodology** to ensure teamwork, collaboration and process adaptability throughout the life-cycle of the project.
* Designed and developed various abstract classes, interfaces, Inheritance to construct the business logic using **C#.Net, ADO.NET and SQL.**
* Used **ADO.NET objects** such as Data Reader, Dataset and Data Adapter, for consistent access to SQL data sources
* Implement **NUnit Testing, Integration Testing and Regression Testing**
* Extensively used **C#.Net** to develop server side event handling and components to handle business process.
* Used **JQuery** for Client Side Validations,DOM Manipulation, Events etc..
* Implemeneted partial page post backs using **jQuery AJAX** and getting the data in **jSON format** and appliying filters to itfor datamassaging as per user interaction.
* Used the **ASP.Net** State Management techniques like Session State, View State to retain the values between the pages transactions, where session is managed in out Proc mode.
* Used the **ADO.Net** data binding controls line Grid View in order to bind the data to the control and display the retrieved data.
* Strong experience in performance tuning and query optimization using tools like **SQL Server Profiler, EXEC PLAN.**
* Strong experience in developing complex **Stored Procedures, Functions, Triggers, Views, Cursors, Joins and Sub queries with T-SQL.**
* In order to perform a broad range of data migration tasks, **SQL Server Integration Services (SSIS)** which is a component of the Microsoft SQL Server database software that can be used.
* Transferred data from various sources like MS Excel, MS Access, and SQL Server using **SSIS** and then created reports using this data using **SSRS**
* Created the **ASMX Web Services** implemnted Method Overloading, Certificate Authetication, implemneted Security and consumed services by creating proxy by using **WSDL.**
* Conducts comprehensive testing of developed objects in development and QA environments, including regression testing before any changes are released to the Production environment to minimize bugs.
* Used **Team Foundation Server** for Source Code Control, project related document sharing and team collaboration.

**Environment:** ASP.Net 3.5/4.0, ADO.NET, VB. Net7, .Net Framework 3.5/4.0, Server controls, Web Forms, Web Services, XMLC#.NET3.5, PL/SQL, XHTML, SQL Server 2008, Crystal Reports.Net, SSIS, Win Forms, JavaScript, SSRS, IIS 6.0, TFS 2008, Windows 2000 Server, NUnit, Visual Studio 2008/2010, LINQ, WCF.

**Manasa Technologies, Hyderabad, India Oct 2010- Nov 2011**

**Jr .Net Developer**

**Payroll Management System**

**Description:** A web application developed to generate the pay slips of all the employees in, basically all the employees of the company will have their day - day time sheets which will be feeding into the system by the clerks in the company. Based on the timesheets and the Holidays of employees the system will be generating the pay slips periodically.

**Responsibilities:**

* Successfully organized initial set of requirements into master list of **Use Cases**.
* Involved in development of **Web Forms, Classes** using **C#.NET** that incorporates both N-tier architecture and database connectivity.
* Used **Visual Studio.NET IDE** to design the forms, develop and debug the application**.**
* Created event driven **Web Forms** using **ASP.NET** and implemented form validation.
* Extensively used **Grid view** control throughout the application.
* Designed and developed various abstract classes, interfaces, Inheritance to construct the business logic using **VB.Net, ADO.NET and SQL.**
* Developed extensive **Stored Procedures** and **Triggers** in **SQL Server and** Developed **Classes** to connect to the **SQL Server** **Database.**
* Created **SQL Server procedures**, **Triggers,** **Views** and query optimization is done using SQL profiler.
* Developed programs for accessing the database using **Ado.Net** to execute queries, and to manipulate the data in the database.
* Worked on **Crystal Reports** for Reports Module. Maintained Version control using **Team Foundation Server (TFS).**
* Worked on waterfall model project management.
* Done **Code review, Debugging, Bug Fixing, Unit testing** and **Integration testing** and Production support

**Environment:**  Visual Studio .NET 2005/2008, .NET Framework 2.0/3.5C#, ASP.NET 2.0/3.5, VB.NET6, JavaScript, VSS, Web forms, HTML4, CSS, Visual Studio 2005/2008, VSS, SSRS, CSS, SQL Server 2005, MS Unit, Team Foundation Server 2008, ADO.NET.