**Ramandeep Bedi**

**732-832-3692**

ramandeepnet19@gmail.com

**Objective**

To pursue a challenging career in the field of Software Development in an adeptly managed organization that provides excellent opportunity to produce high quality software which meets organization and customer’s requirements and expectations.

**Professional summary**

* 9+ Years of IT experience in .Net Developer, Programmer, Reporting Analyst and Professional standards-based software developer.
* Technical expertise in Microsoft Technologies like .Net Framework 4.5/4.0/3.5/3.0, C#, ADO .NET, IIS, Win Forms, Web Services,MicroServices ADO, Web API, WCF, XML, Microsoft SQL Server and MS Team Foundation Server, Microsoft Visual Studio.
* Excellent experience in working with different object-oriented programming techniques like inheritance, polymorphism, and encapsulation.
* Extensive working experience with different methodologies like Agile (Scrum), Test-driven development (TDD) and Waterfall methodologies.
* Working experience on RESTful Programming using HTTP verbs for CRUD operations with ASP.NET, Microsoft architecture patterns like MVC 5.0, Service Oriented Architecture (SOA), Web forms.
* Expertise in developing Multi-Tier Application Development.
* Well-versed in creating and consuming services on WCF framework using SOAP, XML.
* Experience working with Web Services.
* Responsible for developing mobile applications.
* Experience with the Object Relational Mapping (ORM) using LINQ and thorough Knowledge of LINQ to Objects, Entity Framework.
* Experience with Data Accessing including using Data Adapter, Data Reader and Data Set in ADO. NET and LINQ (Language Integrated Query) providers for data manipulation.
* Experience in .NET security features such as Authentication (Windows-based Authentication, Forms- based Authentication) and Authorization (Authorizing Users and Roles).
* Experience in database design and development of different scripts, stored procedures, triggers, functions and views using SQL Server, Oracle and MS Access.
* Deployed applications on test, production servers and managed applications using Microsoft Azure DevOps.
* Experienced in deploying desktop applications, web applications, console applications and websites to the Microsoft Azure Cloud.
* Great Team Player with excellent communication, analytical, verbal and writing skills along with strong management, organizational and mentoring skills.

**Technical Skills**

|  |  |
| --- | --- |
| .Net Technologies | C#, .Net Framework 4.5/4.0/3.5/3.0, ASP.NET, ADO.Net, WCF, LINQ, Web Services, Web Forms, Win Forms, AJAX. |
| Web Technologies | HTML5, HTML, CSS3, CSS, XML, JavaScript, Bootstrap, JQuery, DHTML, XSD, XSL/XSLT, JavaScript, JSON |
| Database | SQL Server 2008/2008 R2 /2012 |
| Software & Tools | Microsoft Visual Studio 2008/2010/2012/2013, SQL Server Management Studio, SQL Profiler, Developer Tool, Firebug, MS word, MS Excel and MS PowerPoint |
| Reporting & Integration Tools | Microsoft SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), Crystal Reports |
| ETL | Informatics, Qlik Sense |
| Operating Systems | Windows, Linux |
| Version Control | TFS, SVN, VSS,GIT |
| Application Server | IIS 6.0 /7.0/7.5/8.0 |

**P**rofessional **W**ork **E**xperience

**.Net Core Developer**

**Client: Bank of America, Plano, Texas Jan 2023- Till Date.**

**Responsibilities:**

* Developed applications based on departmental requirements and specifications.
* Gathering requirements by coordinating with client representatives and understanding their business needs.
* Analyze the requirements to convert into .NET web and windows applications.
* Used Model-View-Control (MVC) software architecture in web applications to view the html.
* Developed the classes using C#, which incorporate N-tier architecture and database connectivity.
* Used ASMX for developing and deploying services on windows in line with the Service Oriented Architecture (SOA).
* Extensively created and consumed web services and APIs in the applications.
* Developed feature secured Web API endpoints that validates the user based on the provided compliance logging.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for the ASP.NET MVC 5 application.
* Worked on MVC controllers, Models as part of the project using C# .Net.
* Analyzed and designed monitoring options available for all the applications to create Dashboards and alerts with data scraping tool Prometheus.
* Involved in designing database, creating tables, writing complex queries & writing Stored Procedures, Triggers using SQL Server 2012.
* Worked and developed RDBMSs such as MS SQL Server 2012/2008/2005/2000.
* Involved in design and development of middle tier web services which encapsulate the business logic in its methods and wrote data access classes using ADO.NET.
* Design .NET components in MVC 5 model by using C#, WCF,MicroServices, Web API, Entity framework and LINQ.
* Constructing user interface layer by using AngularJS, jQuery, CSS, LESS, etc. based on client expectations Hands-on experience working on Team Foundation Server (TFS), Change Control Management, Visual Source safe .
* Worked extensively on MVC , MVVM and web forms software design patterns.
* Responsible for developing the reusable Components on UI (Views) by developing the Partial Views, View state, and reusable components for implementing the business rules with C# .NET.
* Creating/updating SQL 2014 database (creating tables, stored procedures, etc.) based on requirements and work on performance improvements at database level.
* Using GIT, Repos as version control and for tracking User stories based on AWS.
* Preparing scripts and MSI to promote the code to pre-production/production environments.
* Perform extensive tests on the software during the time of its development and making necessary changes to the code whenever necessary.

**Environment:** Microsoft Visual Studio 2022, , .NET 4.5/4.8 and .Net Core 6 Framework, ASP.NET, MVC 5, Web API, AJAX, ASMX Services, Web API,HTML 5, JavaScript, jQuery, AngularJS, CSS, ADO.NET, Microsoft Entity Framework, C#, LINQ, Design Patterns, SQL Server 2014,Jenkins.

**Software Developer April’2019 – March-2022**

**Client: PBS System, Calgary, Canada**

PBS systems offers Dealership and Automotive showroom management software built entirely within the Microsoft .NET Framework and utilizing SQL Server databases for Windows.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing .
* Developed solutions for diverse programming scenarios in VB .NET, employing Object Oriented Programming (OOP) concepts such as: encapsulation, inheritance, polymorphism, and abstraction.
* Development was done using Agile methodology with daily scrums, and continuous integration using the SDLC process to deliver higher-quality software far more rapidly.
* Created & Consumed WCF Services and also used different bindings to make it available to different types of clients.
* Responsible for making AJAX Calls for the UI Interactions to the Controller Actions using jQuery and getting the Data back as JSON and parsing it onto the UI.
* Implemented the project using ASP.NET, C# and back-end database as SQL Server 2012.
* Worked on applications software development efforts from deployment through the maintenance support process.
* Written Stored Procedures in SQL Server 2008 and above.
* Used EDMX as conceptual Model and LINQ to Entities to bind the data to Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation.
* Designed Graphical User Interface (GUI) using Master Pages, HTML, JavaScript and CSS classes Used jQuery and AJAX to make the User Interface more responsive.
* Worked on Technical design documentation using the UML. Prepared the Use Case diagrams and class diagrams and developed the web forms using ASP.NET for the Ecommerce based application.
* Responsible for designing and developing the database objects like Tables, Views, and Complex T-SQL Store Procedures involving Joins and using Temporary Tables, UDF (User Defined Functions).
* Implemented CRUD functionality with Entity framework (ORM) in ASP.NET, MVC 5.0 and implemented sorting, filtering and paging with Entity framework in MVC 5.0.
* Developed RESTful service using WCF framework and used Angular.js for getting data.
* Used C# language in developing the business logic, where in extensively implemented the Object-Oriented Programming (OOP) Functionalities and Win forms.
* Developed Reports using SQL Reporting Services and implemented Optimized SQL Stored Procedures.
* Used Team foundation Server (TFS) for version control and shelve pending changes of the source code along with the maintenance of the builds and the relevant documents of the same.
* Created ETL packages using SSIS to move data from various heterogeneous data sources to centralized database.
* Using GIT, Repos as version control and for tracking User stories based on AZURE.

**Environment:** Microsoft SQL Server 2012, Visual Studio 2019, C#, VB .NET, ASP.NET4.5, MVC 5.0, HTML5, JavaScript, CSS3, WCF, AJAX, AngularJS, Entity Framework, IIS 7.5, SSIS

**Project: Cash Control with Penny Rounding**

* Maintained ASP.Net Web API application with Visual Studio 2019.
* Implemented Data validation and Data access UI controls using Controller.
* To reduce the project cost and maximized performance through CSS 3, Skin and Themes files in the Projects.
* Interact with Credit Card machines for payment.
* Round of penny amount according to instructions set by CRA.
* Implemented State Management Query Strings and Session State for the application.
* Created business Model in VB .NET to maintained connectivity with SQL Server databases.
* Wrote Stored Procedures, Triggers in SQL Server 2014.

**Project: Cash Control E-Signature for Receipt with Converge**

* Serialize and Deserialize data using JSON.
* Sent data to Converge to verify Signature using web services.
* Interact with E-Signature pad using VB .Net.
* Embed signatures on cash receipt using Active Reports.
* Developed database to record card type payment.

**Project: Financial Statements for Accounting**

* Created Financial Statements for manufacturer using Spreadsheet gear in VB .Net.
* Using MVVM to create Model classes.
* Developed materialized views for data replication in distributed environments.
* Created classes and methods in C#.NET using OOP Concepts.
* Used LINQ to query on the object.

**.Net Developer Oct 2014- Mar2019**

**Client: PBS System, Calgary, Canada**

* Worked with business analysts to gather and transform Technical & Business User requirements.
* Implemented web security using encryption and form -based authentication technologies for reporting and complaint filing procedures. Tested/De-bugged web-browser using Firebug.
* Automated tasks by creating PL/SQL stored procedures, Triggers, Cursors, Functions, Views and dynamic SQL. Enhanced it with creating exceptions for error handling.
* Used simplified client and server-side validation, better session management using ASP.NET MVC.
* Created a Data Layer object in C# language which gives the common classes of methods to execute stored procedures into a Data Set, Data Table and Data Reader.
* Involved in writing complex queries including T-SQL & Developed Database Triggers to enforce Data and Referential Integrity.
* Developed Windows forms and Screen layouts in Visual Studio.net maintaining consistent look and feel of the User controls. Also used various data objects like Dataset and Grid View.
* Developed all the GUI and UI pages using HTML, XML, DOM, DHTML, XSL/XSLT, XHTML, CSS3, JSON, Java Script, WPF forms.
* Developed dynamic responsive web application, custom directives and tabbed pages by using Angular JS directives with Bootstrap which is further integrated with web services.
* Used Mean Stack (Node, Express, Angular 2.0, and Mongo DB) to develop applications.
* Used JQuery to traverse through a DOM tree and manipulated nodes in the tree. Implemented Drag and Drop functionality using JQuery framework.
* Implemented XML parsing & JSON parsing for data handling on different applications.
* Handled all aspects of the web application including maintaining, testing, debugging and deploying.
* Designed, modeled and architected multithreaded, enterprise n-tier software agent using WCF web service hosted in a windows service.
* Manage all CM and version control tools (SVN, GitHub) and their usage / process ensuring traceability, repeatability, quality, and support.
* Implemented various core framework level changes, design patterns, and efficient data structures.
* Followed agile software development practice paired programming, test-driven development TTD and scrum status meetings.

**Environment:** Visual Studio 2008/2012, C#, SQL Server 2008, ASP.NET 3.0, GIT, Angular 2.0, WCF, WPF, Bootstrap, MVC, XML, HTML5, CSS3, Java Script, oracle9i/8i, SSRS, Entity Framework

**Project: Purchase Agreement Forms**

* Created UI using ASP .net web forms.
* Record data in SQL Server using ADO connectionstring.
* Write queries in C# for CRUD operations.
* Used LINQ to query on the object.
* Used unit testing to validate data.

**Project: Forms Search Tool**

* Created UI using VB .Net
* Search forms from harddisk that is stored in form of text files with file names.
* Used tree structures to show files on UI.
* Starting storing these files with names and data inside file on SQL Server.
* Write stored procedures to insert data.