RAJ SHAH

Sr. .Net Developer/Engineer Phone: (339) 203-6506

PROFESSIONAL SUMMARY:

* Over all 8+ years of IT experience with exceptional skills in Analysis, Design and Development of high scalable Multi - Tiered Web Applications, Distributed architectures, Windows Application (WPF)and Web Services using Microsoft Technologies.
* Experience in Developing Enterprise applications using .Net, C#, ASP.NET, WPF, XAML, HTML, CSS, XML, JavaScript, Typescript, NodeJS, Angular JS, jQuery, ADO.Net, Web Forms, IIS, WCF, MVC, Razor View Engine, Entity Framework, LINQ, SOA, SOAP, REST, Web Services, TFS, SQL Server.
* Experience in Developing Client MVC application using ASP .Net MVC, Razor view Engine, C#, Entity Framework, and LINQ Framework and strong Experience in server-side programming back end development with strong OOPS concepts using C# .NET.
* Experience in Web application development using ASP.Net, HTML, CSS, Java Scripting, Web forms, N-Tire Architecture and Deployment of Web Application in IIS.
* Experience in developing Windows Applications using WPF Framework and Design Windows forms using XAML and strong Experience in Working with RESTful services using .Net Technologies Web API.
* Advanced UI development using the latest technologies like HTML5, CSS3, Bootstrap, JavaScript, Angular JS, NodeJS, JQuery, Web pack, Babel, ES6 and Typescript.
* Experiences Microsoft Azure to deploy the applications and maintain the database in cloud and Knowledge on MS Azure Cloud Architecture (MS Azure Pack (Private Cloud), PaaS and IaaS) assessments and very good experience working with different Source repositories like Bit Bucket, GitHub, Azure.
* Experience in working with Angular 2 to 7 develop client-side Application using Node JS, Web Pack, Typescript, NPM.
* Expertise in Working with databases SQL Server by writing Queries, Stored Procedures, Views using T-SQL, Maintaining Database, experience in Query optimization.
* Experience in designing and implementing infrastructure as code and CI/CD pipeline for deployments of large-scale web applications.
* Good knowledge in writing Constraints, Indexes, views, cursors, Triggers and User Defined Functions using T-SQL.
* Experience in using Source Controls like Team Foundation Server (TFS), Git.
* Experienced in working with Unit Testing, User Acceptance Testing to check whether all the Business Objective requirements are archived and experience in working with Unit Test Frameworks like X-Unit, N-Unit, Jasmin, Karma.
* Strong Experience in Using SQL Server management Studio, Visual Studio IDE.
* Experience in Custom, Tabular, Matrix and distributed reports in multiple formats using Crystal Reports, MS SQL Server Reporting Services and SQL Server Services (SSIS, SSRS).
* Highly proficient in the use of T-SQL for developing complex Stored Procedures, Triggers, Tables, User Defined Functions, Views, Indexes, User profiles query writing and SQL joins.

**TECHNICAL SKILLS:**

**.Net Technologies:** ASP.NET, ASP .NET MVC, C# .NET, Entity Frameworks, LINQ, ADO.NET, WPF, Web API

**Web Technologies:** HTML 4.0/5, CSS3, CSS2, JavaScript, jQuery, REST Web Services, JSON, MVC, XAML, AngularJS, NodeJS, Bootstrap, Responsive Web Design.

**Languages:** C#, JavaScript, Typescript, ES6, SQL and T-SQL

**IDE & Editors:** Visual Studio 2015,17,19

**Database:** SQL Server, SQL lite, MySQL and Oracle

**Angular:** 7.0, Typescript, ECMAScript 6, ASP.Net, .Net MVC.

**Methodologies:** Agile, Kanban, Waterfall, Scrum.

**Reporting tools:** SQL Server Reporting Services, Crystal Reports

**Bug Tracking Tools:** JIRA, HPALM, and IBM Clear Quest, Bugzilla, HP Quality Center.

**Build/Automation Tools:** Ansible, Ant, Maven, Jenkins

**PROFESSIONAL EXPERIENCE:**

**Consumer Value Stores, Boston MA Jan 2020 to Till Date**

**Sr.Net Developer/Engineer**

**Responsibilities:**

* Involved in the implementation of design using vital phases of the Software development life cycle (SDLC) that includes Development, Testing and Implementation using Agile Methodology.
* Worked on WPF Application Business logic and Data Access layer classes and integrated in UI using MVVM pattern.
* Provide consulting and cloud architecture for premier customers and internal projects running on Microsoft Azure platform for high-availability of services, low operational costs and used Microsoft Azure to deploy the applications and maintain the database in cloud.
* Created the Web API controllers in ASP .Net MVC to build, maintain Restful API’s, also consumed API’s client side using Angular JS and developed single page applications (SPA) using Angular and built customAngular Directives, Services and implemented reactive Angular components using RXJS.
* Worked on Triggers, Binding, Styles, Data Template, Control Template, Routed Events, Converters, Layout Panels in XAML.
* Deploying Web Apps and Creating Web-Jobs, Involved in configuring Cloud Platform (Azure SQL, Service Bus and Cloud Services and Worked on Queues, Blobs, and Containers to persist data on Azure.
* Worked with SQL Lite to perform Database operations on WPF Application and Created Indexes and Aggregate functions on Database to get data form database and Wrote Validations for Models to store in databases.
* Responsible to Develop Application using Service Oriented Architecture with Microsoft Technologies.
* Designed entire framework to support Test Driven Development (TDD) by making use of Dependency Injection and Repository Pattern.
* Developed User Interface using HTML 5, CSS 3, SCSS and using latest Stylist latest framework Bootstrap 4.
* Developing Client-Side Single Page Web Application using Angular 7 and using with Type Script, ES6 as programming languages for Developing Client-Side Application.
* Worked on creating ReduxReducers, Actions and Epics for the angular components using NgRedux and created custom Immutable service to add, remove, update and deep clone of TypeScript objects.
* Involved in development of application on azure server by creating packages through Visual Studio, Power shell and Azure Portal.
* Developed RESTful API using ASP .Net Core with MVC Framework and Entity Framework 6 as ORM tool for Database Access layer.
* Implemented Dependency Injection, Repository Pattern, Unit of Work and Mocking framework for Unit test of entire application.
* Worked with GIT as Version Control and Used Bit Bucketas Source Code Repository and Used GIT GUI tools for Manage GIT.
* Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product using Jenkins and Octopus and configuring fully Automated Build Process for Different Application and Maintain Deploy Scripts in Octopus.
* Involved in designing Database Architecture and Implemented business logic Stored Procedures, Triggers, Views, and Indexes using SQL Server 2016 and T-SQL.
* Developed unit test cases and performing Unit and Integration testing of the application using N-Unit and X-unit Framework and Maintaining 70% Code Coverage.
* Used JIRA for creating stories, issues and sprint planning and prioritized and distributed tasks across the team and created real time burn down charts convenient for product owners to report over all progress simultaneously used JIRA Kanban board to keep track of the story cards.
* Applied multithreading techniques for creating high performance applications and Multithreading was used to process data in chunks to improve performance.

**Environment:** ASP.NET CORE, MVC, Web API, C#, SCSS, HTML 5, CSS3, Bootstrap 4, Typescript, Angular JS, NodesJD, Redux, Entity Framework, LINQ, GIT, Bit Bucket, IIS, Git Kraken, Visual Studio, SQL Server 2016, Jira, N-Unit, Jenkins, Octopus, Azure etc.

**Bank of Montreal, Chicago IL May 2017 to Dec 2019**

**Sr. .Net Developer/Engineer**

**Responsibilities:**

* Involved in the implementation of design using vital phases of the Software development life cycle (SDLC) that includes Development, Testing and Implementation using Kanban Methodology.
* Responsible to make code changes based on the requirements at various layers of Application like Business, Presentation, Data Access Layers using C# as Programming Language.
* Used Angular CLI commands for productivity and global/generic building blocks for Generating Components, Services, Pipes and Testing Spec Type Script Files.
* Developed User Interface using HTML 5, CSS 3, SCSS and using latest Stylist latest framework Bootstrap 4.
* Prepared architecture plan to create the Azure Cloud environment to host migrated IaaS and PaaS role instances for refactored applications and databases nd implementing generic PaaS deployment API for repackaging and deploying applications on heterogeneous PaaS platforms.
* Re-designing the main website to improve user experience and add new functionalities using Angular 4 and created Typescript reusable components and services to consume REST API's using component-based architecture provided by Angular 4.
* Developed localization API s which stores the translated data in Azure and Sql tables Deploy Confidential services on Azure cloud and worked on creating Azure Blob for storing unstructured data in the cloud as blobs.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using Angular 4 and Used Angular Modules for Separating application Modules.
* Build micro services for the delivery of software products across the enterprise and Extended a custom domain driven micro services architecture built on top of ASP.NET Web API and the HTTP protocol
* Developed RESTful API using ASP .Net Core with MVC Framework and Entity Framework 6 as ORM tool for Database Access layer.
* Extensively worked on message queuing system Rabbit MQ for queuing data for multiple projects and raising & publishing Events and Subscribing them.
* Involved in developing web application and integrated with Generating XML and PDF forms in as required needs in business.
* Involved in retrieving data using LINQ to SQL and LINQ to Objects with ASP.NET, worked with the database using LINQ to SQL and Worked on LINQ to XML to generate complex XML and load data from XML.
* Created SOAP and RESTful Webservices by using WCF and Web API and created WCF service that performs a search on various entities as well as consumed the web services in the application.
* Efficiently worked with SQL Server 2012 and Mongo DB as Database for Storing Data and wrote business queries for Perform Operations on databases.
* Created Indexes and Aggregate functions on Database to get data form database and Wrote Validations for Models to store in databases.
* Implemented Dependency Injection, Repository Pattern, Unit of Work and Mocking framework for Unit test of entire application.
* Worked with GIT as Version Control and Used Bit Bucket as Source Code Repository and Used GIT GUI tools for Manage GIT.
* Involved in deploying desktop applications, web applications, websites and console applications to the Microsoft Azure Cloud.
* Developed unit test cases and Integration using N-Unit Framework and Performed Automation test cases for Web application and used TeamCity for continuous integration and build management.

**Environment:** ASP.NET CORE 1.0, MVC, Web API, C#, Angular 4, SCSS, HTML 5, CSS3, Bootstrap 4, Typescript, Web pack, Angular CLI, Micro services, Rabbit MQ, Entity Framework, LINQ, GIT, Bit Bucket, IIS, Git Kraken, Visual Studio, SQL Server, Mongo DB, Robo Mongo, N-Unit, Team City etc.

**Steris Corporation- Mentor OH Aug 2014 - April 2017**

**Sr. .Net Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle (SDLC) including Analysis, Design, Implementation, Testing and Maintenance Experience in working with two-week sprints in an Agile/Scrum environment.
* Implemented CRUD functionality with Entity framework in ASP. NET MVC and implemented sorting, filtering and paging with Entity Framework Code First in MVC.
* 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.
* A defined request-response message system, typically expressed in JSON or XML, which is exposed via the web, most commonly by means of an HTTP-based web server by a server-side ASP. NET Web API.
* Hands on knowledge of JavaScript MVC frameworks such as Angular JS and connecting to a REST-full server on a different domain
* 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 and also used PRISM framework.
* Understanding the client requirement and developing application using WPF and Prism Framework.
* Designed and developed a modular accounting application using WPF, Prism and MVVM
* 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.
* Implemented Entity Framework with C# in Visual Studio 2013 to establish connections between server-side web application and a MS SQL Server 2012 database.
* 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 two-way Data binding using Angular JS.
* Developed very responsive, elegant views for web pages using the Bootstrap CSS Frameworks.
* 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.
* Worked Extensively with Query Optimization Techniques to Fetch Data with better Performance Tuning and implemented Unit testing using NUNIT.
* Used N-tier architecture for presentation layer, Business and Data Access Layers using C#.
* 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#, .NET 4.5, ASP. NET MVC, ASP. NET Web API, Razor, ADO. NET Entity Framework, LINQ, JSON, Enterprise Library Logging, WinForms, VBA, Service Locator, OLE, Unity, Auto Mapper, SQL Server 2012, T-SQL, MS Visio 2012, UML, Team Foundation Server 2013, IIS 7.5.

**Burlington Coat Factory- New York NY July 2012 - July 2014**

**.Net developer**

**Responsibilities:**

* Involved in Design of the application & development of the application using Agile methodology.
* Responsible for developing all the front-end screens and the back-end database queries for retrieving data.
* Was involved in development and responsible for deployment to Dev environment using C#.Net, ASP.Net, and Web services, CSS, XML, Jscript, AJAX, JQUERY.
* Worked with business analysts, project managers, project lead and other developer to design, develop technical design, specs, and coding as part of SDLC.
* Designed the migration pattern from existing ASP.Net application to ASP.NET/ C# Web Forms.
* Used ADO.NET for retrieving data from backend database SQL Server 2008 and Visual Studio 2010
* Developed framework to handle data updates on the application, designed architecture based on Repository Provider implemented Development methodologies like Agile (Scrum).
* Implement and Deploy of XML Web Services (SOAP) using C#.NET. Created dynamic GUIs with .Net Web Controls and Data Bound Web Forms.
* Implemented extreme programming by using fast paced Object-Oriented Methodologies, involving in task completion, user stories, and iterations.
* Worked on UI using AJAX for making smaller, faster and user-friendly web-page application.
* Developed Server-Side programming using C#, ASP.NET on .NET architecture.
* Implemented AJAX to provide pleasant Client-Side experience.
* Designed XML Schemas and developed XSL and XML gateway
* Extensively used XSLT language to transform from XML document into HTML web page.
* Investigated bugs and interacted with developers to resolve technical issues.
* Developed testing report, Stored Procedures using SQL Server 2008 and SQL scripts, and DTS packages and Data Modeling.

**Environment:** Visual Studio.Net 2010.Net Framework, ASP.NET, C#,LINQ, JavaScript, HTML, CSS , ADO.NET, SQL Server 2008, XML, Web services, Entity Framework, IIS, unit testing.

**Education:** Bachelor’s