**BHARATH RAJ**

**Sr.Net Developer**

**Email ID**: **bharathraj.pothula@gmail.com**

**Contact No: 703-829-9033**

**Summary:**

* Over **6+** years of expertise in Software Development Life Cycle **(SDLC**) involving Design, Development, Integration, Implementation and Testing of applications in **Client/Server, N-tier Architecture** based on **Microsoft .NET** technologies and **React JS, SQL Server.**
* Experience building various web and desktop applications under **Entity Framework,** .**NETFramework2.0/3.0/3.5/4.0/4.5** using **C#.Net**, **ASP.Net**, **ADO.Net**, **ADO.NetEntity Framework, Ajax**, **SQL Server.**
* **Java script, T-SQL, AJAX, NET Core 2.0, Angular JS, React JS** and **jQuery**
* Worked on Angular Reactive forms to implement complex forms and performed the validations using **Angular 8**.
* Involved in UI Designing, Development and Testing of Web Forms using **ASP.NET**, **VB.NET**, **XML/XSDADO.NET** and **.NET Framework.**
* Microsoft **Azure** was used for deployment, hosting and cloud-based services to store **SQL Server** data into cloud base data warehousing and implemented security in web applications using **Azure**.
* Experience with the concepts like **inheritance, polymorphism, abstraction** and **encapsulation** have used them wherever **Object Oriented Programming System (OOPS)** is needed and used comfortably with the SOLID principles.
* Utilized **LINQ** and **ADO.Net entity framework** for database operations between web applications and database.
* Modified the **VB.NET** code into **C#**.
* Worked extensively with **Data Adapter, Dataset, Data reader** as a part of **ADO.NET** to access and update databases.
* Good experience in **XML** for representation of arbitrary data structures in **Web Services** and **XML** based languages (**SOAP** and **WSDL**).
* Developed Custom Activities using **React JS** **WindowsWorkflow Foundation (WWF).**
* Good experience in **SQL server, Oracle, MS Access** and having good efficiency in using **Database Connectivity API's (ADO.Net)** in Client Server and Web.
* Experience in using **ASP.NET Web API** to build HTTP services.
* Knowledge in developing **Web Services, SOAP, XML,IIS**, **Javascript** and **jQuery**.
* Experience in designing, developing and updating Web-Forms using .NET Technologies like **HTML, CSS, C#, AJAX, Telerik, jQuery, ASP .Net and Silverlight.**
* Experience using **HTML5**, **XHTML**, **DHTML**, Master Pages, Site Map, JavaScript and **CSS3** for presentation of web pages and **AJAX** for asynchronous communication with the server of web applications.
* Involved in application design based on **Azure, React JS, MVC 2.0/3.0/4.0/5.0, MVP, MVVM** with **Prism Technology, Singleton design Patterns.**
* Experience in creating Services and Endpoints and working with **WCF** (**Windows Communication Foundation**).
* Performed cross browser testing by using **Selenium Grid** on multiple browsers and on different

platforms.

* Strong experience in Manual, Automation and Performance Testing of client server and web-based

applications.

* Experience working with web servers, such as **IIS**, and with source repositories, such **TFS(Team Foundation Serve**r).
* Extensive experience in developing Stored Procedures, Functions, Views, Indexes, Triggers, Cursors, **XML,** Joins, user defined data types and other Complex Queries using **React JS, T-SQL** on **Microsoft SQL Server 2005/2008/2012/2014/2016**.
* Extensively Used LINQ to SQL, LINQ to XML and LINQ to Objects for retrieving the data efficiently and Just in Time manner.
* Extensive experience in software development methodologies including **Agile (Scrum**), **Test-driven development (TDD)** and **Waterfall methodologies.**
* Experience in developing reusable components like user controls and custom controls.
* Working experience in **data modeling** and **implementing tables, views, stored procedures, functions,** and **triggers** using **T-SQL**.
* Extensive knowledge of writing **complex queries** using **SQL Server 2016/2014/2012/2008/2005.**
* Extensive experience in development and optimizing of Queries using SQL Query Analyzer, Stored Procedures and Triggers.
* Proficiency in deploying Web building technologies like **jQuery**, **Javascript**, **React JS, ECMAscript (ES6)**, **Typescript**, **JSON** and **Angular 8**.
* Prepared Technical design document, Use cases, Test cases and User manuals for various projects and good at Bug fixing, Code reviews, and Unit & System testing.
* Designed and developed Web Pages using **NET Core 2.0,** **React JS, ASP.NET Controls, C#, VB .NET, CSS, AJAX, Bootstrap, Angular Js** and **HTML** to facilitate the client and their customers.
* Experience in unit testing using **Microsoft Visual Studio** Unit testing framework.
* WinForms, Windows Services, WCF,SOAP, DHTML, XML, JSON, XSL, CSS3 & HTML5, Web API
* Worked on various platforms like **Azure, React JS, Windows, Linux** and **Unix.**
* Ability to handle multiple tasks and demonstrates initiative and adaptability and capable of handling responsibilities independently as well as a proactive team member.
* Excellent analytical, communication, interpersonal and decision-making skills and is well motivated to rapidly acquire new skills on the job.
* Ability to work independently and in a team environment and actively participated in projects within work groups and across organizations.
* Conducts End to End Functional and Regression testing and validations, knowledge of the applicable

operational areas.

* Worked on all types of **React JS, OpenText** tools such as **Captiva** Administrator, Designer, Completion, AutoCad, OCR Engines, Input Accel. For the Classification and Indexing purposes.

**Education:**

* Master of Science in Information Assurance.

**TECHNICAL SKILLS:**

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| **.NET Technologies** | **Visual C#.NET, ASP.NET, .NET Framework 3.0/3.5/4.0/4.5, ADO.NET, LINQ, MVC (2.0,3.0,4.0,5.0)** |
| **Tools** | **Entity Framework, MS Visio, MS Project Management, MS Office, Macromedia Dreamweaver, SSIS, Fiddler, N-Unit, SQL Server Reporting Services (SSRS), Crystal Reports 9.0,OpenText Captiva 7.5/7.7, Input Accel, Captiva Scripting.** |
| **Scripting Languages** | **Java script, T-SQL, AJAX, Angular JS, React JS&jQuery** |
| **Windows &**  **Web Technologies** | **WinForms, Windows Services, WCF,SOAP, DHTML, XML, JSON, XSL, CSS3 & HTML5, Web API** |
| **Software / IDE** | **Visual Studio 6.0, Microsoft Visual Studio.Net 2017/2015/2013/2012/2010/2008.** |
| **OS/Methodologies** | **Windows 7/Vista/XP/ 2008/2003, UNIX, MS DOS** |
| **Other Languages** | **C, C++, Java, 8085 & 8086 assembly languages** |
| **Web Servers** | **IIS 5.0/6.0/7.0/7.5,SQL Server 2005/2008/2012/2014/2016.** |
| **Version Control** | **IBM Clear case, GitHub, MS Visual Source Safe (VSS) & Team Foundation Server (TFS)** |

**Professional Experience:**

**Prudential Insurance, Scranton, PA. June’19-Till Date**

**Role: Senior .Net Developer**

**Responsibilities:**

* Worked in **Agile Scrum Methodology** and delivered accepted functionality in each sprint.
* Played a key role in feature implementation, enhancement, code refactoring and defect fixing.
* Designed and developed Hybrid-Single Page Application using **Azure,** **C# 4.5**, **.NET Framework 4.5**, **ASP.NET**, **MVC 5** and **AngularJS 1.5**.
* Designing, Classification, Recognition and Exporting to downstream applications from **Captiva**.
* Coordinated with business and has done upgrades of **Captiva Version 7.5 to 7.7**.
* Worked on all types of **OpenText** tools such as Captiva Administrator, Designer, Completion, AutoCad, OCR Engines, Input Accel. For the Classification and Indexing purposes.
* Involved in preparing **Functional Requirement (FR)**, **HLD**, **LLD** using **MS Visio**.
* Consumed **SOAP APIs** from enterprise customer systems and **RESTful APIs** provided by other applications in the portfolio, also created **NET Core 2.0, RESTful APIs**.
* Participated in UI design with Master Pages in **MVC 5.0** and improved layout with **HTML5** and **CSS3**.
* Used **Angular 8**. **JavaScript** to develop templates, controllers, and directives.
* Used **IBM MQ** Series on various Email importers to create batches under **Captiva**.
* Provided database connectivity using **Entity Framework 4.5**, **LINQ**, designed stored procedures and views at the back end.
* Involved in UI Designing, Development and Testing of Web Forms using **React JS, ASP.NET**, **VB.NET**, **XML/XSDADO.NET** and **.NET Framework.**
* Contributed in database **SQL Server** using **T/SQL**, Stored Procedures, Triggers, functions, Cursors, Views, Indexes Constraints and Data Modeling.
* Generated data migration and transformation using **SSIS** and built reports with **SSRS**.
* Used **EMC Captiva** for image capturing of scanned images of checks.
* Used **APIGEE** Edge for **API Proxy**.
* Used **JSON** web token to do user authentication and secure information exchange.
* Used **AUTOCAD** for creating scheduler jobs by JIL files.
* Used Repository and Factory design pattern to develop reusable code.
* Designed a unit testing module with **MVC** to test the application performance and availability.
* Heavily involved in code review, build and deployment with **Jenkins**.
* Responsible for writing the **Gherkin** language test scripts in a feature file for a story in **IntelliJ** using the **Cucumber** framework in **Selenium**.
* Involved in Performance Tuning and Query Optimization.
* Communicating with Prudential Practice team, Businesspeople, Third Party Vendors, Product Managers & gathering the information for project requirements.
* Excellent experience in onsite-offshore **MSM** model, interacting with clients and Onsite managers.

**Environment:.NET Framework 4.5, Visual Studio 2015, C# 4.5, ASP.NET 4.5, MVC 5.0, Entity Framework 4.5, Web API 2, SQL Server 2014, HTML5, CSS3, JavaScript, AngularJS 1.5, AJAX, IIS 7, LINQ, SSIS, SSRS, MS Visio 2007, EMC Captiva 7.5, IBM MQ Series, APIGEE,Selenium, Agile, Jenkins.**

**Tucson Electric power, Tucson, AZ. April’18- May’19**

**Role: Senior .Net Developer**

**Responsibilities:**

* Development was done using **NET Core 2.0,** **AgileMethodology** with daily scrums, and continuous integration using the **SDLC** process to deliver higher-quality software far more rapidly.
* Involved in the requirement gathering, design of the systems and development using **Agile Methodology**.
* Designed and developed Web Pages using **C#.NET**, **HTML**, **JavaScript**, **AngularJS**, **CSS** and server controls.
* Enhanced the **UI** design for web applications.
* Proficiency in deploying Web building technologies like **jQuery**, **Javascript**,**React JS,ECMAscript (ES6)**, **Typescript**, **JSON** and **AngularJS**.
* Worked on Angular Reactive forms to implement complex forms and performed the validations using **Angular 8**.
* Created **Typescript** reusable module, components and services.
* Created **SQL** queries, Stored procedures, Views, Triggers and implemented **SQL** queries in **C#.**
* Developed many **T-SQL** queries to fetch data as per the business requirements with proper tuning techniques.
* Microsoft **Azure** was used for deployment, hosting and cloud-based services to store **SQL Server** data into cloud base data warehousing and implemented security in web applications using **Azure**.
* I have used it in the way that **AzureStorageEmulator** utilizes a **SQLServer** occasion and the nearby.
* Evaluated database performance and performed maintenance duties such as tuning, backup and restoration.
* Used **SQL** Profiler for capturing the database call fired from the top layer.
* Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in **Azure, SQLserver**.
* Worked on complex stored procedures, functions, triggers in **SQL Server 2014**.
* Used **GitHub** for Version control.
* Developed components for Business and Data tier using **C#**, **ADO.NET** and involved in creating controllers to handle the events raised on the Razor views in **ASP.NET MVC 5.0** framework.
* Extensive Knowledge on Microsoft .NET design Patterns including **Dependency Injection** (**DI**), **MVVM** and **MVC**.
* Worked with **MVC** Layout Pages that were common throughout the application and content pages.
* Used **AJAX**, **JQUERY** and **HTML** with **MVC** views to produce rich user interfaces.
* Worked on **JQUERY** lib to post data to the **MVC** action method.
* Developed Web Forms for User Interfaces using **ASP.NET** and **C#.NET** using Server Controls, **HTML** Controls and User Controls.
* Used **TFS(Team Foundation System)** as version control manager.
* Used **Entity Framework** to create entities in Data Access Layer.
* Created **REST** based **APIs** to form a middle layer for the **UI** systems (**JSON** input stream).
* Developed several **REST** web services supporting both **XML** and **JSON** to perform tasks.
* Created **LINQ** enabled database layer using **API** such as **LINQ** to **SQL** and **Entity Framework**.
* Composed **SQL** Queries, stored procedures, joins and **LINQ** queries to process gigantic collection of products, rules and used **ADO.NET**data reader, data adapter, SQL command and dataset for retrieving data from database.
* Performed unit testing on the code and delivered test driven approach development.
* Participate and lead in the scrum calls.
* Designed and implemented the service layer using the custom **HTTP** handler which supports both **XML** and **JSON** for request/response.
* Used **Entity Framework** for accessing the data from the data access layer/ backend.
* Used **LINQ** to build a set of operations, parameters and expressions during execution of a set of data from SQL Server.
* Involved in **Extraction**, **Transformation**, and **Loading** (**ETL**) solutions using **SQLServer Integration Services** (**SSIS**).
* Involved in the Unit and Integration testing. Performed Code review and Unit testing using **N-Unit** testing, **MSTEST**, **MOQ** for quality code.
* Deploying **ASP.Net** and web applications on **IIS 7.0.**
* Created reports to create, deploy, and manage reports using **Crystal Reports**.
* Involved in Documentation of developed Components and modules.
* Involved in fixing the Bugs as per the requirements.

**Environment: Visual Studio 2015, .NET Core, ASP.NET MVC 5.0, Entity Framework 6.0/4.3, .NET Framework 4.5, Restful Services, WEB API, TFS 2013, React JS,jQuery, Java script, Angular JS 4.0, AJAX, SSIS, JSON, IIS 7.0, Microsoft Azure, ES6, Typescript, Crystal Reports, HTML5, CSS3, SQL Server 2012/2014.**

**Exxon Mobil, Spring, TX Aug’16-Mar’18**

**Role: Senior .Net Developer**

**Responsibilities:**

* Involved in **Agile** using **SCRUM** methodologies to produce high quality software models.
* Used **C#** language in developing the business logic, where it extensively implemented the **Object-Oriented Programming (OOP)** Functionalities and Win forms.
* Writing Software Requirement Specifications & Test cases, Object Oriented Analysis and Design using **UML** with **Microsoft Visio 2007** and Rational Software Modeler.
* Created **Angular** service and integration with **RESTful APIs**.
* Development of **ERP** solutions using architecture and **Microservices**.
* Created and Consumed **WCFServices** and used different bindings to make it available to different types of clients.
* 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#.**
* 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 2012**.
* Designed **Graphical User Interface (GUI)** using **MasterPages**, **HTML**, **JavaScript** and **CSS** classes.
* Used **JQuery** and **AJAX** to make the User Interface more responsive.
* Responsible for designing and developing the database objects like Tables, Views, and Complex T-SQL Stored Procedures involving Joins and using **Temporary Tables**, **UDF** (**User Defined Functions**).
* Extended a custom domain driven **Microservices** architecture built on top of **ASP.NET Web API** and the **HTTP** protocol.
* Implemented **CRUD** functionality with **Entity framework** in **ASP.NET**, **MVC 4.0** and implemented sorting, filtering and paging with Entity framework in **MVC 4.0**.
* Developed Reports using **SQL** Reporting Services and implemented Optimized **SQL** Stored Procedures.
* Developing Reporting in **SQL Server Reporting Services (SSRS)** Report Viewer Control and integrating to Web application as client-side reporting.
* 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 **SQL Server Integration Services (SSIS)** to move data from various heterogeneous data sources to a centralized database.
* Developed reports using **Crystal reports**.

**Environment: Visual Studio 2012, ASP.NET 3.0, MVC 4.0, ADO.NET, Microsoft SQL Server 2012, C#, Microsoft Visio 2007, Microservices, SSIS, Web Services, WPF, Silverlight, SSRS, WCF, XML, Crystal Reports, Master Pages, IIS, HTML, MS Unit, LINQ, Java Script, AJAX, JSON, TFS,HTML5, JavaScript, CSS3, WCF, AJAX, Angular JS 2, Entity Framework, IIS 7.0.**

**Western Digital, Hyderabad, India June’14-Dec’15**

**Role: .Net Developer**

**Responsibilities:**

* Involved in Designing, Developing and Testing of Web Forms and Web Services using **IIS 6.0, ASP.NET, XML, ADO.NET, N-Unit Testing** and implemented application using **AGILE Methodology**.
* **C#.NET** is used to program business logic including Code-behind files and Classes in **N-tier** application architecture.
* Implemented Agent Visibility, where each agent will be able to view only his own customers, payments and Transactions by using **Role Management**.
* Designed and developed Web Pages using **ASP.NET Controls, C#, VB .NET, CSS, AJAX, Bootstrap, Angular Js** and **HTML** to facilitate the client and their customers.
* Involved in UI Designing, Development and Testing of Web Forms using **ASP.NET**, **VB.NET**, **XML/XSD ADO.NET** and **.NET Framework.**
* Modified the **VB.NET** code into **C#**.
* Implemented **DAL** using **ADO.NET** components like **Data Set, Data Provider** and **Data Reader** to store and retrieve database information.
* Performed database operations on **SQL Server 2008** to create and maintain accounts information by creating **SQL queries, stored procedures, functions,** and **views**.
* Worked with the Management to decide the **Interface design** based on the customer needs and services to be offered on the site
* Worked with **MVC** design patterns and used Angular Js for two-way data binding.
* Created **HTML** and **CSS** template designs using **Bootstrap** for designing the web pages
* Created **WCF** services to provide data from integrated to the client.
* Written **T-SQL** Queries, functions, views and Stored Procedures using **SQL Server 2008** for backend development.
* Worked on **WPF** to communicate between DAL and other business components.
* Developed the reusable framework for the application using the **ASP.NET MVC 3.0**.
* Used **JavaScript/jQuery** to perform validations and catch the events on the client's browser.
* Involved in developing web Pages with rich **UI, AJAX**, and **jQuery** using **ASP.NET**.
* Worked with **ASP.NET Web Forms, Web Services, and State Management, Caching Features, Configuring Optimizations and securing the web application.**
* Developed module which deals with validating users, changing passwords and searching for information depending upon priority of user in site Using **ASP.NET**.
* Extensively used **AJAX** control toolkit and **jQuery** in creating efficient and responsive applications.
* Designed **Master Pages**, customized user controls to reuse the same set of controls as a unit and used **CSS** to provide a consistent look and feel of inherited web pages.
* **State Management Techniques** are used to maintain state at control level using **View State** and at application level using **Sessions**.
* Used **LINQ** along with **ADO.Net** for data retrieving, querying, storage and manipulation of different data sources like **XML, SQL**.
* Designed a database in **MS SQL** and created stored procedures, functions, views to reduce the complication of front-end **SQL** queries and triggers to enforce entity relationships.
* Worked on an **SSIS** tool called Generic data loader which is used to load and transfer data from an excel sheet, flat file, database table to any destination table either in **Microsoft SQL** or **Oracle Database**.
* Configured Web Server, Deploying the actual site with various service modules and user interface enhancement.
* Used Visual Source Safe for Version Control and Source Code maintenance needs.

**Environment: ASP.NET, VB.NET, .NET Framework 3.5, Visual Studio .Net 2010, IIS 6.0, C#.NET, ASP.NET 3.0, ADO.NET, HTML, CSS, AJAX, JavaScript, T-SQL, Bootstrap, Angular Js, WCF, UML, jQuery 1.0, Windows Services, Web Services, SQL Server 2008, SSIS, XML, SMTP, VSS.**