**BHARATH RAJ POTHULA**

**Sr.Net Developer**

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**SUMMARY:**

* Over **7** 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** technologiesand **SQL Server.**
* Experience building various web and desktop applications under **Entity Framework,** .**NET** **Frame work** **2.0/3.0/3.5/4.0/4.5** using **C#.Net**, **ASP.Net**, **ADO.Net**, **ADO.Net** **Entity Framework, Ajax**, **SQL Server.**
* Experience with the concepts like **inheritance, polymorphism, abstraction** and **encapsulation**, have used them wherever **Object Oriented Programming System (OOPS)** is needed and used comfortable with the SOLID principles.
* Utilized **LINQ** and **ADO.Net entity frame work** for database operations between web applications and database.
* Worked extensively with **Data Adapter, Dataset, Data reader** as a part of **ADO.NET** to access and update database.
* Good experience in **XML** for representation of arbitrary data structures in **Web Services** and **XML** based languages (**SOAP** and **WSDL**).
* Developed Custom Activities using **Windows** **Workflow Foundation (WWF).**
* Good experience in **SQL server, Oracle, MS Access** and having good efficiency inusing **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**, **Java Script** 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 application.
* Involved in application design based on **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**).
* 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 **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 component 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.
* 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.
* Experience in unit testing using **Microsoft Visual Studio** Unit testing framework.
* Worked on various platforms like **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.

**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, SSRS, Fiddler, N-Unit.** |
| **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 2015/2013/2012/2010/2008/2005.** |
| **OS/Methodologies** | **Windows 2000/2003/NT/XP/Vista/98, 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)** |

**Tucson Electric power, Tucson, AZ. April’18-Till Date**

**Role: Senior .Net Developer**

**Responsibilities:**

* Development was done using **Agile** **Methodology** 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**, **Angular** **JS**, **CSS** and server controls.
* Enhanced the **UI** design for web applications.
* Proficiency in deploying Web building technologies like **JQuery**, **Java script**, **React JS,** **ECMA script (ES6)**, **Typescript**, **JSON** and **Angular JS**.
* Worked on Angular Reactive forms to implement complex forms and performed the validations using **Angular 4.0**.
* 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 in the way that **Azure** **Storage** **Emulator** utilizes a **SQL** **Server** occasion and the nearby.
* Evaluated database performance and performed maintenance duties such as tuning, backup and restoration.
* Used **SQL** Profiler for capturing the database calla fired from the top layer.
* Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in **SQL** **server**.
* 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 interface.
* Worked on **JQUERY** lib to post data to **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 middle layer for the **UI** systems (**JSON** input stream).
* Developed several **REST** web services supporting both **XML** and **JSON** to performed 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 set of operations, parameters and expression during execution a set of data from SQL Server.
* Involved in **Extraction**, **Transformation**, and **Loading** (**ETL**) solutions using **SQL** **Server 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 model.
* Used **C#** language in developing the business logic, where in 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** solution using architecture and **Microservices**.
* Created & Consumed **WCF** **Services** 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 **Master** **Pages**, **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 Store 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 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.**

**Liberty Mutual Insurance - Dover, NH Jan’15-July’16**

**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** & 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 databinding.
* 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 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 user, changing passwords and searching of information depending upon priority of user in site Using **ASP.NET**.
* Extensively used **AJAX** control toolkit and **JQuery** in creating efficient and responsive application.
* 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, storageandmanipulationof different data sources like **XML, SQL**.
* Designed 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 **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 be 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.**

**Western Digital, Hyderabad, India Dec’12-Nov’14**

**Role: .Net Developer**

**Responsibilities:**

* Involved in **Software Development Life Cycle** (**SDLC**), provided value added services with development teams and clients throughout the life span of a project, strategic consulting, code writing and managing complex development schedules and tasks Worked with business users to understand the requirement and translated to usable software.
* Implement the western digital pricing module with very high business rules complexity.
* Worked with **N-tier** application Data access layer, Business layer, Service layer and Web forms
* Developed a Web application using in .**Net Framework in Visual Studio .Net 2008**.
* Developed programming scenarios in **C#, Object Oriented Programming (OOPS)** concepts such as: **Encapsulation, Inheritance, Polymorphism,** and **Abstraction**.
* Using **Delegates** and **Events** for generating and capturing custom events.
* Fixing various bugs for both software’s to correct and enhance quality with performance.
* Involved with design team to design User Interface using **Win forms**.
* Interfaced with the database and stored procedures using **ADO.NET Datasets, Data Adapters, Data Readers and Data Grids.**
* Designed **ASP.NET** based Graphical User Interfaces with **CSS**, **JavaScript**, **Ajax**, **Multithreading** and **HTML**.
* Designed and developed database tables in **Oracle**. Developed Stored Procedures for all views of the Registration Form and Search Engine Modules.
* Crated **Oracle** package, stored procedure, functions and **Oracle** collection.
* Experience in **Unit testing**, **Module testing** and **Integration Testing**.

**Environment: C#, ASP.Net, Web Forms, JavaScript, AJAX, HTML, CSS, ADO.Net, T-SQL, SQL Server 2008, ADO.Net, IBM Clear Case, Oracle, Water Fall Model.**

**ITC Infotech, India Aug’11-Nov’12**

**Title: .Net Developer**

**Responsibilities:**

* Involved in the complete **Software Development Life Cycle** including Analysis, Design, Implementation, Testing and Maintenance.
* Developed Business Logic layer by implementing **Object Oriented Programming Language** (OOPs) features like **Inheritance**, **Polymorphism**, **Abstraction** and **Encapsulation** in **C#**.
* Handled **Run Time Errors** & **Design Time Errors** by implementing appropriate Error Handlers in **C# .NET**.
* Involved in design and development of user interfaces using **ASP.NET**, **AJAX**, **HTML** and **CSS**.
* Implemented **Role-based security model** to control user access to the application.
* Designed and developed custom web controls for data binding to client applications via **XML** and the **.NET Datasets.**
* Designed and developed **Web forms** using **ASP.NET** Server Controls, Data Grids, user controls for reusability.
* Used **ASP.Net Validation controls** for validating user inputs.
* Created **Views**, **Stored Procedures**, **SQL queries** and implemented **ADO.NET** to insert, update, delete and select data from database.
* Involved in testing, debugging and implementation.
* Involved in development and documentation of the project using **Waterfall** methodology.
* Developed user controls to increase the reusability and to improve the performance.
* Used **AJAX** controls to increase the responsiveness of the web application.
* Designed and developed web pages using **ASP.Net, JavaScript, HTML** and **CSS**.
* Implemented **server-side validation** using **ASP.Net Validation Controls**.
* Assigned **permission** and **roles** based on the hierarchical position of user using **ASP.Net authorization**.
* Created **dynamic web pages** for generating **dynamic tables**.
* Created **Authenticated logins** and **validated permissions**.
* Used **Data Grid**, **Data List** to populate data from database
* Done **Code review, Debugging, Bug Fixing, Unit testing** and **Integration testing** and Production support.
* Generated different reports to assist in decision making using **Crystal Report**.

**Environment: Visual Studio 2005, ASP.NET, Microsoft .NET Framework 3.0, Web Services, ADO.NET, JavaScript, AJAX, HTML, SQL server 2005, Windows XP Pro, IIS, CSS, XML, VSS.**

**Education:**

**Bachelor of Engineering in Electronics and Communication, JNTUH.**