**Name: Bharani**

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**Professional Summary:**

* **7+ years** of experience in all phases of SDLC for developing business applications in actively involved in **analysis, design, development and implementation** of mid / large scale applications, resolving the defects and co-ordinating the requirements with offshore team.
* Demonstrated proficiency in development using Microsoft.NET technologies like **Asp.net Web API**, **SharePoint Server, WCF**, **LINQ,Unidata ASP.Net 4.0,React.JS ASP.NET MVC 4.0, C#, VB.NET and AJAX Extensions, jQuery with MS SQL Server (SQL 2008 R2).**
* Manage various AZURE environment for provisioning of Linux servers and services implemented by the providers.
* Expertise in developing and updating a web page quickly and effectively using **HTML, CSS, JavaScript and JQuery, Angular JS** with the webpage cross browser compatibility and Responsive design.
* Expertise in DOM manipulation using JavaScript, jQuery and AngularJS.
* Extensively used Bootstrap for customization of web application and developed and designed Ajax, JavaScript, JQuery, React.JS, Angular JS and AJAX based UI frame work.
* Exposure using development environment like Azure (DevOps, CI/CD, Machine learning), Python. AWS, Angular JS etc.
* Designed and Developed Various Angular 2/4 Component Single Page Applications (NgModule), Services (observable/promises), Directive and Pipes for data filter.
* Implemented applications with HTTP, TCP/IP, service-oriented architecture (SOA), Web Services, WCF and Web API REST protocols and how they relate to developing loosely coupled integration amongst enterprise software applications.
* Extensive experience in relational database development, for creating complex database queries, writing Constraints, Indexes, Views, Stored Procedures, Triggers, Cursors and Functions using T-SQL and PL/SQL in Microsoft SQL Server 2008/2005/2000 and Oracle 11g/10g/9i/8i and fine-tuning and optimizing Queries and Stored Procedures
* Expertise in developing applications to access data (Data Access Layers) and data services using **Data Adapter, Dataset, Data reader** as a part of **ADO.NET** to access and update database.
* Extensive Experience with ORM technologies like **Entity Framework 4.1 Database First, Code First and performance tuning in EF.**
* Proficient in developing n-tiered/multi-layered applications using Microsoft .NET technologies such as: Visual Studio IDE, TFS, ASP.NET, C#, WCF/XML Web Services, ADO.NET, SQL Server, ORACLE, Windows Services, O/RM (NHibernate), Spring.NET, NUnit (TDD), Aspect Orientation (AOP).
* Implemented **SPRING.NET** Framework.
* Good knowledge on Azure Service Fabric and microservices
* Worked in Azure/cloud operating environment and Involved in deployment of application on Azure server by creating packages
* Excellent knowledge of DevOps Processes and Tools.
* Experienced in Maintaining the Gitlab repositories for DevOps Environment and maintained Jenkin jobs for various applications.
* In-depth knowledge of **DevOp**s management methodologies and production deployment Configurations
* Expertise in creating Views, Partial Views, Strongly Typed Views, Sections, Areas etc. in **ASP.NET MVC**.
* Developed and consumed **WCF Services** to achieve Service Oriented Architecture (SOA) and communication between heterogeneous applications
* Exposed rest based services to the external vendors using **ASP.NET Web API**.
* Experience performing Unit testing using **Nunit** and Integration testing using **SOAP** **UI** tools.
* Expertise in implementing Object Oriented Programming **(OOPS)** Concepts including Inheritance, Abstraction, Encapsulation and Polymorphism.
* Excellent knowledge in creating Databases, Tables, Stored Procedures, DDL/DML Triggers, Views, User defined data types, functions, Cursors and Indexes using SQL **SERVER 2008R2, 2012.**
* Worked experience on the source control software packages like Microsoft Visual Source Safe (VSS), **Team foundation Server (TFS)**, GitHub and Tortoise SVN.
* Worked extensively with Iterative **Agile Methodologies (SCRUM), Waterfall methodologies and Test-driven development (TDD).**
* Strengths include **successful analysis, database implementation** and **problem solving expertise**, **good oral and written communication skills**.

**Education: Bachelor of Computer Science and Engineering**

**Technical Skills:**

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| **Data bases** | MS SQL- 2008/2005/2000, Oracle - 10g |
| **Operating Systems** | Win 7/95/98/2000/XP/2003/2012 Server/Vista, Linux |
| **Web server** | Microsoft Internet Information Services – IIS (5.0/6.0/7.5/8.0) |
| **Programming Languages** | C#, VB.NET, Java |
| **.Net Technologies** | Asp.net (4.5/4.0/3.5/2.0/1.1/1.0), Web Forms, Web Controls, Custom Controls, User Controls, Web Services, RESTful Web Services, Ajax,React.JS ADO.net, LINQ, WCF, Web API. |
| **Internet Programming** | HTML, DHTML, JavaScript, XML, CSS, XML, XSL, XSLT, TCP/IP,WSDL, SOAP, JSON, Jquery, Bootstrap, CSS, Angular JS, Angular 2/4 |
| **Design Tools** | Service-Now, Visio , Rational Rose XDE |
| **Configuration Tools** | VSS , Tortoise SVN, GitHub, Splunk, SharePoint |
| **Defect Tracking Tools** | ePMO, JIRA |
| **IDE** | Visual Studio 2010/2008/2005/2003 |
| **Design Patterns** | MVP, MVC, MVVM |

**Project Experience:**

**Department of Labor, Nashville, State of TN Duration: March 2017- Present**

**Role: Sr. Full Stack.Net Developer**

**Responsibilities:**

* Involved in building **MVC** website according to the standards and requirements.
* Used **AngularJS** as the development framework to build a single-page application.
* Using **Identity 2.0** built authentication and authorization for secure website.
* Involved in creating **Helper** methods for code reusability and consistency.
* Worked on **JSON** to pass the **JavaScript** objects from server to web application.
* **Transpiled** the development of ES 6 components for different browser compatibilities using babel, npm, web pack for the **node** http module.
* Created TypeScript reusable components and services to consume REST API's using component based architecture provided by **Angular 4**
* Created custom directives in **Angular 2** for reusable components.
* Created complex T-SQL Queries, Store Procedures, Indexes, Functions and Views to support efficient data storage and manipulation.
* Verified scripts and fixed bugs in the T-SQL Code.
* Developed and Optimized Stored Procedures and Functions using T-SQL
* Worked on **Bootstrap 4.0** and customized the default CSS of **Bootstrap** according to the requirements.
* Developed responsive weather widget using bootstrap and updated the location according to the user location.
* Coordinate and provide instructions to **OSS** for Guardian system calls and daily.
* Web development/enhancement of Operations Support System (OSS)
* Used the Object Oriented Programming (OOP) techniques and created classes (C#.NET) for database access.
* Developing business logic using Stored Procedures and Packages within an Oracle 11g
* Manage repository and build using CI/CD pipe line with Git and VSTS.
* Improve high-performing teams practice by implementing CI/CD with VSTS
* Database Server to create Data Marts.
* Maintained an in-house developed LIMS for the PK group (Oracle/Entity Framework/MVC3)
* Collaborating with designer to create views for a responsive, single page app in React.js and maintaining current code.
* Extended a custom domain driven microservices architecture built on top of ASP.NET Web API and the HTTP protocol.
* Designed and developed the REST based Microservices using the Spring Boot.
* Performed Admin Activities for all DevOps tools like Jira, Confluence, Gitlab, Jenkins, sonarqube, udeploy etc
* Developed an RSS aggregation service utilizing Azure websites, Azure Service Bus, and AzureServices.
* Developed real-time, highly available and high volume web applications with modern cloud features in Microsoft Azure
* Develop webbased application, framework & design for feature scenarios by using RESTful API, MVC, Razor, SQL Server 2012, AJAX
* Application UI layer has been built using React.js with Redux as core framework and Bootstrap for RWD.
* Used SPRING.NET Framework as the Inversion of Control (IoC) Container. Business and data access objects are managed and injected (Dependency Injection) into the system by spring framework rather than created directly in the calling class. The result is a more flexible and decoupled system.
* Used CI/CD build to schedule the builds and to run the automation test regularly.
* Developed the Rest based web service using ASP.NET Web API.
* Worked with MOSS 2007, this does the entire authentication and calls WCF client with TCP/IP bindings in configuration and to save documents, lists and other content types.
* Contributed the services development platform for Exception handling, caching, documentation modules using web api.
* Used TCP (Transfer Control Protocol) and Named Pipes for the transportation of messages from clients to the WCF service hosts.
* Used **dependency injection** software pattern to loosely couple the components.
* Implemented Data Access Layer using **Entity Framework** **Code First Approach** specifically for data querying, storage and manipulation using LINQ.
* Used **LINQ to XML and LINQ to Object** at service level to communicate between different applications.
* Used **Angular.js** features Controllers, custom directives filters and AJAX to maintain the Rich and Responsive UI for the application.
* Used ReactJS to create views to connect models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Developed the classes using C#, which incorporate N-tier architecture and database connectivity.
* Used **Ado.net** to parse and load the database components and its connections.
* Wrote T-SQL queries in creating views and stored procedures in **SQL Server**. Used joins, unions to get data from different tables and databases.
* Involved on migrating SQL Server databases to SQL Azure Database using SQL Azure Migration Wizard.
* Used the azure cloud storage accounts to secure the keys and secrets
* **Scheduled SQL Jobs** to run full build and partial updates for the real time data updates.
* Responsible for driving the code from source controls to the development environment
* Involved table and store procedure creations using MS SQL.
* Used GIT for version control and JIRA for bug tracking purposes

**Technologies:** Visual Studio.NET 2013, C#, Spring.Net, ASP.Net 4.5, MS Access, CI/CD, LINQ, XML/XSL/XSLT, HTTP/TCP, .Net Framework 4.5,Entity Framework, ASP.net Web API, WCF, Azure, Microservices, TFS 2013, IIS 7.0. HTML5, DOM, DHTML,Unidata XHTML, Bootstrap,React JS, Ajax, JSON, AngularJS, Angular 4

**Ortho clinical diagnostics, NYC Duration: Jan 2015-Feb 2017**

**Role: Sr.Net Developer**

**Responsibilities:**

* Involved in Analysis, Design, Coding, and Testing and maintenance phase of the project life cycle.
* Involved in Requirements Collection, Architectural Design & Analysis of the Customer Specifications, Development and Customization of the Application.
* Implemented **AngularJS** Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory
* Effectively used **ASP.NET MVC bundling and minification** techniques to improve the performance of the application.
* Developing code in .NET WinForms, C# language combined with Oracle PL/SQL for the
* Documents' management Application.
* Ported this VB6 application from Access to Oracle
* Backend XML and Oracle development using java.
* Effectively created custom routes and added them **to ASP.NET MVC routes** collection and created business models and injected them into MVC views using the controllers.
* Creates T-SQL queries for SQL Server, SQL Server reports, Crystal Reports, M.S. Access and Excel with VBA.
* Created stored procedures for the business logic using T-SQL.
* Leveraged **angular** resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Involved in the designing of **WCF** based Service with **Data contract** for **serializing** complex data, Fault contract for exception handling and Message Contracts to control the SOAP message.
* Involved in hosting the **WCF** based service **on IIS 7.0** and testing the service using the tool, **WCF Client**.
* Working on creating **Rest** Services using **ASP.NET Web API and C#.**
* Worked with JSON to pass the JavaScript objects from server to web application.
* Implemented REST full Web API/WCF services for service layer.
* Implemented Presentation layer in ASP.NET using MVC views, multiple Layouts, Partial Views, Strongly typed Views, Razor view engine, Bootstrap, HTML helpers and different CSS.
* Created Action filters and Exception filters to implement REST API
* Implemented Data Access Layer using **Entity Framework** Code First and extensively for data querying, storage and manipulation using LINQ
* Developed application using ASP.NET, **AngularJS**, HTML5, Unidata, **React.JS,** CSS 3, JQuery, Ajax, **Bootstrap** and JavaScript.
* Used **Angular.js** features Controllers, custom directives filter and AJAX to maintain the Rich and Responsive **UI** for the application.
* Used **LINQ to XML and LINQ to Object** at service level to communicate between different applications.
* Developed complex programs in **T-SQL**, wrote Stored Procedures, Triggers, Views and Queries with best execution plan.
* Used **TFS** (Team Foundation Server) for version Controlling and source code sharing and also used MSBuild.
* Involved in creating stored procedures, triggers, and views in SQL Server2008 for data manipulation and retrieval.
* Performed performance tuning on analyzed existing code for better outcome.
* Involved in analyzing and preparing **Unit Test cases** for various scenarios and developing automation test cases using **Nunit framework**.
* Performed End-to-End Testing, troubleshooting, debugging, integration testing, regression testing and performance testing and analyzed the results to justify validation.

**Technologies:** Visual Studio.NET 2013/2012, C#, ASP.Net MVC 5.0/4.0, .Net Framework 4.5,Entity Framework 6.0/4.3, WCF, TFS 2013, AngularJS, Bootstrap, Unidata IIS 7.0. HTML,React.JS HTML5, DOM, DHTML, XHTML, REST Web Services, WEB API,LINQ, SQL Server 2008R2

**Delta Airlines, Atlanta GA Duration: Oct 2013- Dec 2014**

**Role: .Net Developer**

**Responsibilities:**

* Implemented Logging to assist the Reporting team with relevant Logging information using custom built **WCF Logging Service.**
* Developed various Layers in **WCF Service** (Data Access / Services / DTO) to fetch relevant data from third party Services (ESP – Enterprise Services Platform)
* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Developed full-stack OSS/BSS software in the Air Lines industry (Oracle DB, Java middle-tier, JSF/.NET front-ends). reports.
* Developed solutions for diverse programming scenarios in **C#,** 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.
* 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.
* Used various **Telerik controls, Infragistics** Net Advantage developed **User Controls** to design custom UI to meet the requirements and to increase the ease of use for customers.
* Created a number of ad-hoc tools and methods to scrub and map data between text files, Excel workbooks, Access databases, and Oracle databases
* Developed SQL Server/Oracle database migration tools
* Worked on a VB/Oracle decision support product.
* Written Stored Procedures in SQL Server 2008 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, Razor View Engine and HTML Helpers**
* Used the responsive utilities of the Bootstrap frameworks to facilitate the design displaying properly on different devices.
* 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)
* Implemented **CRUD** functionality with **Entity framework (ORM)** in **ASP.NET MVC** and implemented sorting, filtering and paging with Entity framework in MVC.
* Used the responsive utilities of the **Bootstrap** frameworks to facilitate the design displaying properly on different devices.
* Leveraged WCF mechanisms like **sessioning, Instance management, concurrency to make our services more robust and scalable.**
* Used **C#** language in developing the business logic, where in extensively implemented the Object Oriented Programming **(OOP)** Functionalities
* Responsible in created and consumed **WCF** (Windows Communication Foundation) using C#.
* Developed **PL/SQL** stored procedures, functions and packages triggers and master tables for automatic creation of primary keys.
* Created scripts to create new tables, views, queries for new enhancement in the application-using TOAD.
* 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. Involved in Web Services to **WCF** based on **Service Oriented Architecture (SOA)** using **SOAP messages**.
* Implemented validation and other client side logic by using **Java Script** and **JQuery**
* Involved in **Unit Testing, Integration testing**, used **WCF test client** to test the services.

**Technologies:** Visual Studio.NET 2013/2012, C#, ASP.Net MVC 5.0/4.0, .Net Framework 4.5,Entity Framework 6.0/4.3, WCF, TFS 2013, AngularJS, IIS 7.0. HTML,React.JS HTML5, DOM, DHTML, XHTML, REST Web Services, WEB API,LINQ, PL/SQL, Oracle 11g.

**I Gate India Duration: July 2011- Aug 2013**

**Role: .Net Developer**

**Responsibilities:**

* Involved in testing - Unit level, Integration testing, Developing test cases & User Acceptance Test Plans.
* Used **AJAX** Controls toolkit along with **JavaScript** and **JQuery** in application development for persistent page display.
* Used Custom Validation and User Validation to give access to registered users.
* Developed Custom Controls and Navigation controls using **C#** and configured the **caching** policies.
* Developed web pages using **ASP.NET3.5** for **eFile** administration to report all the information regarding the tax filing centers, tax preparers and return details.
* Used .**NET Master Pages, Validation controls, Content place holders, themes, CSS and Web Forms** for **UI** development.
* Enterprise Business Applications Software using Oracle Database, SQL, PL/SQL, Oracle
* Expertise in database programming involving Stored Procedures, Triggers, Views and implementation with SQL Server, Oracle and Microsoft Dynamics Navision (NAS).
* Extensive database designing and programming skills using SQL Server 2008/2012/2016, Oracle 9i/10g, XML data source, RDBMS, and MS Access.
* Developed Master pages to build consistent and maintainable user interface.
* Performed extensive **Data Binding** with various Server Controls like **Grid View**.
* Created the **Data Access Layer** with **ADO.NET** commands and fetched the data from **SQL Server 2008** using Stored Procedures and views using **SQL Data Reader and Datase**t objects.
* Extensively used the **LINQ** feature in **.NET 3.5** for querying collections and integrating with SQL.
* Used **Windows Communication Foundation (WCF)** for creating Service **end points** and **Service contracts** in code.
* Building a new N-tier application from scratch using the ASP.NET 3.5 Framework and Windows communication foundation **(WCF).**
* Designed and developed .NET components and user controls using **ASP.NET and C#.**
* Developed web based admin forms using **C#, ASP.Net, ADO.Net and SQL Server 2005**.
* Worked on integrating with other systems through **WCF service** which is secured through "transport" security.
* Worked on **Procedures** in-order to access the **Data Base** for the front-end application using **SQL Server 2008**.
* Writing SQL statements, stored procedures using **SQL Developer 2.1** for **Oracle 11.2g** encrypted database.
* Designed the test-cases and Performed **Unit Testing** on the modules according to the requirements.
* Experience with **Share Point Portal** Server to share the project documents, issue trackers, sub sites and collaboration sites etc.

**Technologies:** Visual Studio 2010, .Net Framework 4.0,Unidata, Windows 2003, Web/Win Forms, WCF, SQL Server 2005, Oracle, C#.NET, ASP.NET, ADO.NET, Ajax, XML, JavaScript, Team Foundation Server (TFS), IIS, MS Office, Visio