**Krishna B.**

**Professional Summary:**

* **8+ years** of extensive experience in complete software life cycle involving **Analysis, software development life cycle, design, development, testing, packaging and deploying of Windows Applications, Web Applications and Client/Server Applications on Microsoft platform.**
* Good Knowledge and working experience in **Object Oriented programming (OOPS)** concepts and using various Design Patterns
* Proficient in analysing the **Business Requirements, User Requirement Specifications (URS), Functional Requirement specifications (FRS).**
* Good experience in coordinating and working with developers (Offshore and Onsite) and End Users in Team based environment.
* Experience in **.Net Framework**, **C#, ASP.Net, MVC 3/5,WCF, WEB API**
* Extensively worked with **SQL Server - Writing SQL Scripts, Stored Procedures and triggers, performing query optimization, indexing, Constraints**
* Experience in Data Querying using **LINQ** and **Entity Framework** to model the entities, logic and data manipulation
* Experience in **ADO.NET** components such **as Data Connection, Data Command, Data Readers, Data Sets and Data Adapter.**
* Experience in using **Team Foundation Server, Microsoft Visual SourceSafe and Subversion** for Version Controlling.
* Worked on increasing performance and interactivity of the sites by using **AJAX, JQuery**
* Experienced **in XML Web Services (SOAP, WSDL and UDDI),Service Oriented Architecture [SOA]** concepts using **.NET Framework** and Database Programming using **TSQL(SQL SERVER)** and **PL-SQL( ORACLE)**
* Demonstrated proficiency in development using **Microsoft.NET technologies like WCF, WPF, LINQ**, **ASP.NET, C#, VB.NET and AJAX**
* Experience with **MS SQL Server** and **Oracle.**
* Experience **in Agile, Scrum** methodologies
* Experience working with **Unit Test Framework**, involved in **Unit testing** and have created **unit test cases.**
* Working experience with **JavaScript, JQuery, JSON** control ,**HTML 5, CSS3,SASS, Font-awesome, Bootstrap**
* Experience in developing applications front end using **AngularJS**
* Experience in working with RESTful Web Services and implementing **RESTful API's.**
* Experience in working with **MSBI package (SSIS/SSRS/SSAS)**

**Technical Skills:**

|  |  |
| --- | --- |
| Technologies | **.Net Framework 3.5, 4.5,4.6,4.7.1****.Net Core 2.1****ASP.NET ,MVC3.0/5.0, Blazor****ADO.NET, Entity Framework, LINQ,** **WCF, Web API, Restful Web Services** |
| Programming Languages | **C#, VB.NET.** |
| Scripting Languages | **Java Script, TypeScript, T-SQL, PL/SQL** |
| GUI | **Visual Studio .Net 2003/2005/2008/2010/2013/2015/2017** |
| RDBMS | **SQL Server 20005,2007,2008,2012,2014,2016** **Oracle 8*i*/9*i /10g***  |
| XML related Technologies | **XML, XSLT, SOAP, WSDL, UDDI, Web Services. API** |
| Operating Systems | **Windows 95/98/2000/NT, XP, Windows 7,10** |

**Professional Experience:**

**Pacific Gas and Electric, San Francisco, CA. June 2019 to June 2021**

**Sr.Net Developer/ Lead**

Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combined natural gas and electric energy companies in the United States. Based in San Francisco.

**Responsibilities**

* Extensively Involved in **Software development life cycle (SDLC)** of application from design/ planning/ management phase to implementation phase, testing, deployment and maintenance phase.
* Worked extensively on the backend and frontend technologies to develop various solutions for different business needs
* Experience in both Agile and Waterfall development methodologies.
* Worked on **MVC/Razor** based web applications.
* Used Front end technologies: **HTML5 , Bootstrap, FontAwesome, SaSS, JQuery, Angular**  for appealing and responsive websites
* Used **WEB API** (Restful services) to fetch data and bind it to UI using **Angular** as a View Model
* Implemented **Dependency Injection** using **Autofac.**
* Implement 3 Tier application layers
* Used various Nuget packages like - **Automapper, EF reverse POCO generators** to improve the development time and maintain coding standards
* Created various **Angular Services & injected them into Angular Controllers (using Dependency Injection)** to enable **AJAX calls** and created custom angular directives to create own **HTML** tags and induce some kind of functional behaviour to those tags.
* Experience with **Async** programming and using **generics**.
* Implemented security and roles using **Identity** and also **SSO**
* Extensively worked on **SSRS** reports, charts and gauges.
* Consumed **SSRS web service** to display reports on websites.
* Extensively worked on **SSIS** for ETL purposes.
* Developed Complex database objects like **Stored Procedures, Functions, CTE’s and Triggers using T-SQL.**
* Experience in **performance tuning** of SQL queries based on **Execution Plans**.
* Responsible for developing and maintaining multiple projects.
* Responsible for initiative to migrate apps from .Net Framework 4.8 to .Net Core 2.1.
* Used **TFS** (Team Foundation Server) for version Controlling and source code sharing and also used MS Build.
* Performed End-to-End Testing, troubleshooting, debugging, integration testing, regression testing and performance testing and analysed the results to justify validation

**Environment**: Visual Studio 2019/2017/2015/2012, HTML5, .NET 4.5- 4.8, .Net Core, HTTP, Entity Framework 6.0, Angular JS, JQuery2.0/1.0, Java Script, TFS 2010, WCF, MVC 3.0/5.0,C#, ASP.NET, Web API, XML, LINQ, Microsoft Enterprise Library, SSRS, SSIS, SQL Server 2019, Visio 2012, XML, IIS 7.0

**Florida Department of Education, Tallahassee, FL. March 2016** **to May 2019**

**Sr.Net Developer**

The Department of Education serves as the single repository of education data from school districts, state and community colleges, universities, and independent postsecondary institutions - allowing us to track student performance over time and across varying education sectors.

**Responsibilities:**

* Involved in **Software development life cycle (SDLC)** of application from design phase to implementation phase, testing, Deployment and maintenance phase.
* **Participated** in weekly **meetings** with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed.
* Effectively used **ASP.NET MVC bundling and minification** techniques to improve the performance of the application.
* Responsible for Designing and Developing the Reusable UI Components Like **MVC Master Pages** “Layouts and Nested Layouts”, “View Start” and **MVC** User Controls “Partial Views”
* 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.
* Worked with **JSON** to pass the **JavaScript** objects from server to web application.
* Performed **DOM** manipulations, create Templates, Directives, Factories, Controllers.
* Used **Windows Communication Foundation (WCF)** for creating Service end points and Service contracts in code
* Used **WEB API** (Restful services) to fetch data and bind it to UI using **Angular JS** as a View Model
* Developed Complex database objects like **Stored Procedures, Functions, Packages and Triggers using T-SQL.**
* Involved in **creating stored procedures, triggers, and views in SQL Server 2012/2014** for data manipulation and retrieval.
* Performed **performance tuning** on analysed existing code for better outcome.
* Experience in generating Custom Reports and different types of Tabular, Matrix and distributed reports in multiple formats using **SQL Server Reporting Services** (**SSRS)**
* Experience in extensive **SSIS packages** to load data and generate reports with SQL scheduler**.**
* Used **Html 5, CSS 3 and Bootstrap** for developing more responsive and appealing websites.
* Used **TFS** (Team Foundation Server) for version Controlling and source code sharing and also used MS Build.
* Performed End-to-End Testing, troubleshooting, debugging, integration testing, regression testing and performance testing and analysed the results to justify validation

**Environment**: VisualStudio2017/2015/2012, HTML5, .NET 4.5, HTTP, Entity Framework 6.0, Angular JS, JQuery2.0/1.0, Java Script, TFS 2010, WCF, MVC 3.0/5.0,C#4.0, ASP.NET, Web API, XML, LINQ, Microsoft Enterprise Library, SSRS, SSIS, SQL Server 2008 R2, MS Test, Visio 2012, XML, IIS 7.0

**PricewaterhouseCoopers, Cincinnati, OH April 2015** **to February 2016**

**Sr.Net Developer**

PricewaterhouseCoopers (PwC) is a multinational professional services network. It is the second largest professional services network, as measured by 2014 revenues, and is one of the Big Four auditors, along with Deloitte, EY and KPMG.

**Responsibilities:**

* Involved in **Software development life cycle (SDLC)** of application from design phase to implementation phase, testing, Deployment and maintenance phase.
* **Participated** in daily **Agile** **Scrums** with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed.
* Effectively used **ASP.NET MVC bundling and minification** techniques to improve the performance of the application.
* Responsible for Designing and Developing the Reusable UI Components Like **MVC Master Pages** “Layouts and Nested Layouts”, “View Start” and **MVC** User Controls “Partial Views”
* 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.
* Used **JSON** to transmit data between Server and Web Application, an alternative to XML Serialization
* Worked with **JSON** to pass the **JavaScript** objects from server to web application.
* Used **Angular.js** features Controllers, custom directives filters and **AJAX** to maintain the Rich and Responsive **UI** for the application.
* Performed **DOM** manipulations, create Templates, Directives, Factories, Controllers, and established tow way Data binding using **Angular JS**.
* Created various **Angular Services & injected them into Angular Controllers (using Dependency Injection)** to enable **AJAX calls** and created custom angular directives to create own **HTML** tags and induce some kind of functional behavior to those tags.
* 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.
* Used **Windows Communication Foundation (WCF)** for creating Service end points and Service contracts in code
* Used **WEB API** (Restful services) to fetch data and bind it to UI using **Angular JS** as a View Model
* Implemented REST full **Web API/WCF** services for service layer, created Action filters and Exception filters to implement **REST API.**
* Developed Complex database objects like **Stored Procedures, Functions, Packages and Triggers using T-SQL.**
* Involved in **creating stored procedures, triggers, and views in SQL Server 2012/2014** for data manipulation and retrieval.
* Performed **performance tuning** on analyzed existing code for better outcome.
* Developed and deployed **SSIS** (SQL Server Integration Services) packages to automate data imports between the data bases.
* Extensively used SQL Server Integration Services(**SSIS)** to create packages to move data from a single data source to a destination
* Experience in generating Custom Reports and different types of Tabular, Matrix and distributed reports in multiple formats using **Crystal Reports** and **SQL Server Reporting Services** (**SSRS)**
* Involved in analyzing and preparing **Unit Test cases** for various scenarios and developing automation test cases using **Nunit framework**.
* Used **TFS** (Team Foundation Server) for version Controlling and source code sharing and also used MS Build.
* Performed End-to-End Testing, troubleshooting, debugging, integration testing, regression testing and performance testing and analyzed the results to justify validation

**Environment**: VisualStudio2015/2012, HTML5, .NET 4.5, HTTP, Entity Framework 6.0, Angular JS, Query2.0/1.0, Java Script, TFS 2010, WCF, MVC 3.0/4.0,C#4.0, ASP.NET, Web API, XML, LINQ, Microsoft Enterprise Library, SSRS, SSIS, SQL Server 2008 R2, MS Test, Visio 2012, XML, IIS 7.0.

**Idaho Transportation Department (ITD) Feb 2014- Mar- 2015**

**.Net Developer**

State of Idaho DMV provides efficient, accurate customer services in licensing drivers by testing driver skills and knowledge, providing photo identification, maintaining current records, promoting driver safety in compliance with federal and state laws, and inviting open communication and cooperation between Driver Services, other agencies, and the public in support of the mission and goals of the Division of Motor Vehicles and the Idaho Transportation Department.

**Responsibilities:**

* Participated in system specification meetings, analyzed user requirements, coordinated with coders and team members
* Worked with **Agile** and **Scrum** Methodology and to produce higher Quality software.
* Used **Visual Studio 2010, .Net Framework 3.0** to implement the solution.
* Implemented **Service Oriented Architecture** (**SOA**) by using **WCF and REST services** to expose business logic as services and consumed those services.
* Worked with **MVC** architecture application using **Razor** view engine and **Web API**.
* Developed Views, controllers and business logic models using **C#**.
* Developed **WCF** services for both Desktop and mobile applications.
* Used **WCF** Services for communicating with other application and components
* Worked on building the Views using **KnockoutJS** and followed **MVVM** pattern.
* Extensively worked on **WCF** Services using **C#** code.
* Used **Entity Framework** in the data access layer.
* *Integrated* SSRS reports into the web application using **Report Viewer** Controls.
* Developed **SSIS** packages to export data of flat file source to **SQL Server Database**
* Used **LINQ** to interact with the data in entity framework.
* Designed and implemented the Core components for the application, which included a data access layer and an error logging component.
* Developed test pages for different flows of application using **JavaScript, JQuery, HTML, HTML5, CSS, AJAX** and **JSON.**
* Worked on implementing UI features with **JQuery** and **KnockoutJS** .
* Designed VB.NET, and Excel user interfaces for ORACLE database.
* Developed **RESTFUL/WCF Web services**, **APIs**, and other back end components.
* Implementation o **Ajax** Asynchronous and Synchronous calls.
* Written **Stored Procedures**, Query's for Database connectivity using **SQL Server 2008**.
* Experience in troubleshooting the application, analyzing and resolving issues.
* Implemented **MS-Unit Testing**, **Integration Testing** and **Regression Testing**.
* Involved in Coordinating with off-shore team and giving Non-prod support for 24hrs at on call schedules.

**Environment:** .NET Framework 3.0,C#, Visual studio , MVC3.0, WEBAPI, ASPX/Razor view engine, ADO.net Entity Framework, Telerik, Java Script, JSON, Ajax &JQuery, XML,KnoctoutJs, HTML, HTML5, Web services ,WEB API, WCF, RESTFUL services, LINQ, MS SQL Server 2008, Waterfall and Agile Methodology ,Knockout JS, MVVM.

**BCBS, MO August 2013 – Jan 2014**

 **.Net Developer**

Blue KC is the largest health insurance provider in the Kansas City area, offering health empowerment and trusted support to more than one million members. The project is mainly used by the customers for maintaining the details of various personal information and different insurance policies, payment history, and billing cycle. It also allows searching policies depending upon various search criteria. With this the end users and customer care staff can make online payments and has an administration module which is used for creating/managing users and career. It also provides reports for down payment, online payment and new business.

 **Responsibilities:**

* Used Agile Methodology (Scrum) to meet customer expectation, timelines with quality deliverables.
* Presentation layer **(GUI)** application has been created using .**NET Web Forms, ASP.NET 4.5,** **MS Visual Studio 2010, HTML.**
* Followed SOA Architecture for Web services.
* Worked on gathering information from main frame in **FLAT file, Excel** and **XML** format for further conversion into **QNXT** billing system and documented all the requirements.
* Applied new code changes for **QNXT** Claims processing system.
* Coded in Data Access Layer, and Business Logic Layer using **C#.NET** and **SQL Server** in backend.
* Created Entity Framework object model For data in SQL
* Implemented search and **CRUD** operations using Entity Framework object model.
* Used **LINQ** to Entity Framework using lambda expressions for communicating between business layer and database.
* Used **ADO.NET** objects to access data from **SQL Server 2008R2** database by using stored procedures and queries in T-SQL.
* Created Model classes, Data **Transfer Objects (DTOs),** Mappers, Controllers and Views while developing **ASP.NET MVC 3.0/4.0** application using Razor View Engine.
* Implemented Object Oriented Concepts such as Polymorphism, Inheritance, Encapsulation.
* Created Stored Procedures, triggers, cursors, views and user defined functions for maintaining business functionalities.
* Worked with the group which evaluated and recommended technologies including **ASP .NET MVC4**
* Involved in team to implement and development for Enrolment for HIPPA and Facets. (HIPPA Gateway, Trizetto Facets)

**Environment**: ASP.NET4.5, MVC 3.0/4.0, C#, Entity Framework, XML, JavaScript, LINQ,FACETS,QNXT, Lambda Expression, CSS3, Subversion , Visual Studio 2012, IIS, SQL Server 2008R2, WCF, Trizetto Facets.

**United Parcel Service, NY Feb 2013 –August 2013**

**.NET Developer**

Document Management System helps customers digitally manage their documents, indefinitely or for a fixed period. It provides the ability to capture, store, manage versions, route, audit, and digitally approve electronic documents. Document Management System provides strong records management functionalities including retention, disposition, archival, freezing etc. Audit trails in the system capture action taken on documents at any stage. Functionalities like Discovery provide the ability to package certain associated documents for smoother exports to other media.

**Responsibilities:**

* Involved in the User meetings, documented the Change requests
* Developed web pages in **ASP.NET** application by using **Visual Studio.Net** and Creating Style Sheets for formatting the WebPages.
* Created Use **Cases, Class diagrams, sequence diagrams** using **UML** and Prepared technical specification documentation.
* Created User controls **(.ascx)** and custom web controls for meeting the business needs
* Developed the Presentation layer for the new projected being developed using **ASP.NET MVC 3.0 Razor View Engine**
* Implemented Master Page and **aspx** pages using visual studio **.Net 2008**.
* Implemented **AJAX** control toolkit for ease of application.
* Implemented **Telerik** **AJAX** Controls in the new applications built
* Built the **C#** libraries to modularize the code and maintain it better
* Implemented validation and other client side logic by using **Java Script** and **Jquery**
* Created Extension methods, generic classes, **OOD** patterns to build the libraries
* Developed dynamic browser UI functionality using **HTML, JavaScript,** and **CSS**.
* Created **Stored Procedures, Triggers, Tables, Views, and Synonyms**. Indexes in **SQL Server** for various database processes.
* Used **LINQ, LINQ to SQL** and **ADO.NET** to interact with the databases
* Participated in design, development, implementation, and maintenance of moderately complex databases, interactive web applications

**Environment:** .NET 3.5, C#, ADO.NET, LINQ, QCF, OOD, HTML, CSS, AJAX, Jquery, JavaScript, Telerik, SQL Server 2008, VS 2008, IIS, ASP.NET, ASP.NET MVC 3.0.