**CHHIRING GURUNG**

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**Professional Summary**

* Full Stack .Net developer with 5+years of experienceinAnalysis, Design, Development, Implementation and Testing Web Based Application, Client-Server Applicationespecially with agile practices and test driven development.
* Expertise in Working with Microsoft Technologies such as .Net Framework, ASP.NET, ASP.NET MVC, C#, ADO.Net, LINQ, Web Services, WCF, Entity Framework.
* Expertise working on all aspects of web development, from the front end, data access layer, business logic layer, service layer and to the database backend.
* Proficiency in developing Model-View-Controller (MVC 5/4/3)architecture application using Language-Integrated Query (LINQ) asto retrieve and modify data.
* Developed 3-Tier/N-Tier Applicationsusing ASP.NET, ADO.NET, SQL Server, C#, HTML5, CSS3, JavaScript, with proven abilities in Software Development Life Cycle (SDLC) & Software Quality.
* Experienced in UI Development using front End Technologies like HTML, CSS, JavaScript, AJAX, jQuery, Bootstrap and Single Page Application using AngularJS.
* Extensive experienceinSQL Server Database Design, building Triggers, Complex Queries, Views, Indexes, Store Procedure, joins and Transact SQL on SQL Server and SQL performance tuning.
* Strong knowledge regarding service-oriented architectures like Windows Communication Foundation (WCF) and RESTful Services likeWeb APIs.
* Very Strong understanding of SOLID Principle and Object Oriented Programming features of C# like Abstraction, Encapsulation, Inheritance, and Polymorphism.
* Experienced with Test Driven Development and Software Development Methodologies like Agile (SCRUM), Waterfall.
* Familiar with Design Pattern like MVC, MVVM, MVP, Repository, Dependency Injection, Singleton, Strategy, Factory, Abstract Factory, Decorator, Proxy, Command and Observer pattern.
* Experienced in Business Intelligence tools such as SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS).
* Experienced in implementing .Net Security features like Authentication and Authorization using Form-based & Window-based authentication.
* Thorough understanding of OAuth 2.0 Authorization framework workflow with JSON Web Token (JWT).
* Proficiency in Unit Testing using MS Test, NUnitand good understanding of Project Management tool like JIRA, Team Foundation Server (TFS) and Visual Studio Team Services (VSTS).
* Experienced in using Team Foundation VersionControl (TFVC), Apache Subversion (SVN) and GIT.
* Expertise in debugging an application using the debugger tools provided by the Visual Studio.Net IDE, Fiddler.
* Abled to work as team player as well as individually. Highly organized, dedicated with a positive attitude along with strong analytical and troubleshooting skills.

**Technical Skills**

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| **Web Technologies :** | HTML5, CSS3, Bootstrap, JavaScript, AJAX, jQuery, jQueryUI, Telerik Control, AngularJS, JSON, and XML |
| **Microsoft Technologies :** | C#, ASP.NET, ADO.NET, ASP.NET MVC, Web Forms, Web API, Entity Framework, LINQ, WCF, Visual Studio, SQL Server Management Studio, SQL Profiler, IIS, Azure, TFS, VISIO, VSTS, SSIS, SSRS. |
| **Databases :** | MSSQL, Oracle, MySQL |
| **Design Patterns :** | MVC, MVVM, MVP, Singleton, Strategy, Factory, Abstract Factory, Decorator, Proxy, Observer, Command, Repository, Dependency Injection |
| **Testing/Debugger Tools :** | MS Test, NUnit, Fiddler |
| **Version Controls :** | SVN, TFVC, GIT |
| **Others :** | Agile (SCRUM), Waterfall, JIRA, ReSharper, Unity, Ninject, Autofac |

**Employment History**

**Kaiser Permanente,Pasadena, CA** April 2016 -Present

***.Net Developer***

Kaiser Permanente is the largest nonprofit health care organization in the United States, serving approximately 8.2 million people in nine states and the District of Columbia.  The project was to enhanced member enrollment system according to changing business requirement. Simplified the User Interface to achieve more interactive and responsiveness. Improved efficiency and responsiveness of backend system that validate the user input data and save it in database.

**Responsibilities:**

* Followed Agile Methodology (SCRUM) which involve Sprint planning, Daily Scrum, Sprint Demo and Sprint Retrospective with Test Driven Development.
* Designed and codes from specifications, analyzes, evaluates, tests, debugs, documents, and implements moderately complex software applications.
* Designed and developed the application using C#, Razor view engine, ASP.NET MVC.
* Created Business Logic Layer & Data Access Layers by implementing MVC architecture.
* Implemented repository pattern and unit of work with entity framework that separate the data source layer and business layer of the application.
* Performed unit testing using NUnit Framework.
* Build RESTful web services using ASP.NET Web API’s with AngularJS AJAX services to enable communication between user interface and server in XML/JSON responses.
* Used lambda expressions, LINQ to SQL and LINQ to entities for retrieving and modifying data.
* Involved in developing required classes and interfaces using C#.Net.
* Design and developed UI using HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, AngularJS for rich and responsive design.
* Used AngularJS to bind different modules & Implemented MVC collaboratively with AngularJS for separation of UI, data, logic concerns.
* Implemented best practices to improve performance of the application such as ASP.NET MVC bundling and minification technique, caching mechanism etc.
* Involved in the performance tuning of the application on client side.
* Developed Master Pages, User Controls and used throughout the applications to make it consistent layout.
* Implemented MVC unobtrusive validation with jQuery to validate the user input in server side and client side.
* Created indexes, Store Procedure, Trigger, views and Join using SQL Server and optimized query using SQL Profiler.
* Created Reports using SQL Reporting Services (SSRS) for customized and ad-hoc Queries.
* Extract, Transform and Load data into the database from OLTP database using of SQL Server Integration Services (SSIS).
* Implemented page level error handling using custom Error pages and Error logs.
* Maintained Code History using TFS Version Control System.

**Environment:**Visual Studio 2015, VSTS, TFVC, C#, ADO.NET, Entity Framework 5.0, MVC, LINQ, WebAPI 2.0,NUnit, CSS3, Ajax, XML, HTML5, JavaScript, AngularJS, JSON, jQuery, Bootstrap, SQL Server 2012, SSIS, SSRS, IIS

**Humana, Louisville, KY** July 2014 - March 2016

***.Net/Web Developer***

Humana is a for-profit health insurance company offering different kind of insurance throughout the United States. This application is used by Humana customers to apply for various health plans. Our project added some functionalities to the existing application that Humana had. A lot of newer UI technologies such as jQueryUI, Telerik Controls, and AngularJS were introduced in this project.

**Responsibilities:**

* Designed and implemented the web application using .NET Framework and MVC architecture.
* Followed Agile Methodology (scrum) and Test Driven Development.
* Searching for Insurance policies depending on various search criteria is implemented as Windows Communication Foundation (WCF) service.
* Involved in design and development of middle tier which encapsulate the business logic in its methods using C# and ASP.NET MVC.
* Customized various controls for Application by developing User Control.
* Developed Main Layout and used the same template throughout the application to maintain consistent layout.
* Created Data Access Layer for retrieving the data from the database using Entity Framework and ADO.NET.
* Used third party library to optimize the design of web page such as Telerik Kendo UI Grid.
* Used Telerik AJAX controls (RadGrid, RadCharts, RadUpload, Collapsible Panels, RadWindow etc.) for better user interface and enhanced functionality.
* Effectively designed the pages to balance the load on server as well as utilizing the client browser's capabilities to fetch data on demand using AngularJS, JavaScript and AJAX.
* Used SMTP mail class of .NET for the users to send mail with suggestions, receive any alerts, receive confirmation notifications etc.
* Improved security using Authentication and Authorization.
* Used several Cache management techniques to improve the overall performance of the application.
* Effectively created easy to use, reusable controls and integrated them into ASP.NET web pages.
* Involved in customizing the Web Forms Data Grid for GUI.
* Extensively used JavaScript and JQuery to implement client side validation.
* Responsible for writing SQL Queries, Stored procedures, Views, join and indexes using SQL Server and optimized query using SQL profiler.
* Installed and Configured Reporting Server using SQL Server Reporting Services (SSRS) and Integration using SQL Server Integration Services (SSIS).
* Used Team Foundation Version Control as version controlling tool.
* Tested the functionality of the web application using NUnit.
* Tested the application extensively in all the major browsers.

**Environment:** Visual Studio 2012, C#, ASP.NET 4.5, MVC 4.0, ADO.NET, Entity Framework 4.0, NUnit, TFS, TFVC, JavaScript, Ajax, CSS, HTML, XML, Bootstrap, JQuery, JQueryUI, Telerik Control, AngularJS, JSON, SQL Server 2010, SSRS, SSIS.

**SunTrust Bank, Atlanta, GA** Jan 2013 – July 2014

***.Net Application Developer***

SunTrust Banks, Inc. is an American bank holding company. Primary businesses of bank include deposits, lending, credit cards, as well as trust and investment services.The project was aimed to enhanced and re-engineered the online banking system and business process as per the changing business environment. Updated the system to make more secure and user friendly for online customers.

**Responsibilities:**

* Architected and implemented 3-Tier architecture application (user interface/business/data layer) using C#, ASP.NET, MVC 4.0, with Razor View Engine.
* Followed AGILE Software development methodology to develop the project.
* Involved in development of business logic layer using C# and .Net Framework.
* Developer UI component using HTML5, CSS3, JavaScript, jQuery, AJAX, Bootstrap.
* Designed and Developed data access layer using ADO.NET with Entity Framework.
* Developed RESTful web services for feeding data to multiple applications using Web API.
* Used LINQ to query against strongly typed collections of object and various data source such as XML documents, ADO.NET Objects and database object.
* Implemented Action filters such as Authorize, OutputCache, ErrorHandle to handle specific behavior of each controller.
* Implemented Object Oriented Programming Language (OOPs) features like Inheritance, Polymorphism, Abstraction and Encapsulation in C#.
* Designed the Layout page for the whole application to act as a template for each View.
* Used Bootstrap to improve the responsiveness of webpage and designed with custom CSS3 style sheet on elements.
* Increased performance of applications by Ajax calls as necessary.
* Improved performance by using Caching Technique to the data for web service that was taking more time to retrieve.
* Involved extensively in developing the client side validations using JavaScript and JQuery.
* Created Store Procedure and trigger using Transact-SQL for the Database
* Analyzed the query execution plan and optimized the query using SQL profiler.
* Used GIT as version control.
* Involved in testing the application using NUnit.
* Performed and resolved cross-browser issues.
* Involved in code refactoring, optimizing the code to improve performance of the application.
* Involved in bug fixing and support during each release.

**Environment:** Visual Studio 2010, C#, ASP.NET 4.0, MVC 3.0, ADO.NET, Entity Framework 4.0,NUnit, TFS,GIT, JavaScript, Ajax, JQuery, CSS, HTML, XML, Bootstrap, JSON, SQL Server 2008.

**HELPNET, Miami, FL** April 2012 – Dec 2012

***.Net Developer***

HELPNET is Information Technology Management Company besides that it helps to build custom software, ecommerce application according to the need of client. The project was to build web application with inventory, content and order management system with efficient and effective checkout system that helps to sell products online.

**Responsibilities:**

* Developed ASP.NET Web Forms and Class Libraries containing code for business and data access logic using C# and ADO.NET.
* Designed Web pages using HTML, CSS, JavaScript, jQuery and Implemented AJAX in multiple pages for partial update.
* Followed waterfall software development methodology to develop the application.
* Implemented Cascading Style Sheets (CSS), HTML, and JavaScript to attain uniformity and responsiveness of all web pages.
* Used ASP.Net Web Form controls like Dropdown list, Button, Textbox controls for creating user interface.
* Implement Data List and Data Grid Controls for displaying data in customized format.
* Used ASP.NET validation controls and Server Control to validate the user input data.
* Developed User control and custom control for reusability.
* Implemented Datasets, Data Reader, and Data Adapter to connect and manipulate data of the database.
* Developed Stored Procedure, Views and Trigger for Data Manipulation, ensuring setup relations including indexing, constraints, foreign keys etc. using SQL Server.
* Performed unit testing along with writing test cases of self-developed modules.
* Involved in peer to peer code reviews.

**Environment:** .NET Framework 3.5, Visual Studio 2008, ASP.NET, ADO.NET, C#, HTML, XML, CSS, JavaScript, jQuery, AJAX, SQL server 2005

**Education**

Masters in Information Technology, Atlantis University