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**PROFESSIONAL SUMMARY**

* Overall experience of **6 years** in **analysis, design, development, research** and **implementation** of Software Development Life Cycle **(SDLC)**, object oriented software systems, development of Windows based, Web based applications.
* Experience in **Agile** software development methodology and Test driven development including **SCRUM** Framework, weekly estimations and pair programming.
* Experience in application design based on **MVC, Factory and singleton** design Patterns.
* Working knowledge of **ASP.NET MVC pattern**: **Controller Actions, View Engine, Entity Framework Model and the Windows Workflow Foundation**.
* Employed object oriented concepts like **Data Abstraction, Inheritance, Data Encapsulation, Polymorphism** using **C#.Net**.
* Experience in developing front-end User Interfaces using **XML, HTML, DHTML, CSS, Ajax, JQuery** and **JavaScript**.
* Strong experience in design of web-based applications using **ASP.NET 4.5/4.0/3.5/2.0, C# 4.5/4.0/3.0/2.0,VB.NET, AJAX, Master Pages, Web Services, Windows services and Server Controls**. Incorporated many rich, user friendly, responsive features in the application using **Angular JS, BOOTSTRAP, HTML 5, JQuery Lite**.
* Expertise in designing and developing complex user interfaces (GUI) using **ASP.NET** and **MVC**.
* Proficient in developing applications using **JavaScript, JQuery, Knockout JS, Angular JS, JSON, XML, Telerik, Kendo UI, AJAX, HTML5, CSS3, Bootstrap** and **Razor**.
* Extensively used **HTML5, BOOTSTRAP, ANGULAR JS** and **JQUERY** and created **Single Page Applications (SPA)**.
* Expertise in building Web Services using **WSDL, UDDI, SOAP** Protocol and consuming/publishing **web services.**
* Leveraged the introduction of **Web API Controllers** (Web API 2) in **ASP.NET MVC 5** to build, maintain Restful API’s and also consume the API’s client side using Angular JS data binding.
* Designed, modeled and architected enterprise n-tier software agent using **WCF web service**.
* Expertise in implementing **SOA** using **WCF** technology developed and consumed WCF services with features versioning, security, optimization and reliability.
* Experience in advanced **JavaScript/UI** frameworks like **Angular JS, Bootstrap/UI, JSON, JQuery**.
* Experience in design and implementation of services using **WCF SOAP\REST**, creating **REST** services using **ASP.NET Web API.**
* Used **Entity Framework** and **LINQ** to access the two databases so the user could create, edit, display, and delete data from the application's UI.
* Created **Entity classes**, relationships between entity classes using **Entity Framework 4.0** to manage relational data as objects and used **LINQ to Entities** to massage the data.
* Experience in using Language-Integrated Query **(LINQ)**query and retrieve data from different data sources **(LINQ to Objects, LINQ to XML, and LINQ to SQL).**
* Excellent knowledge in **JIRA** and Quality Case (QC) tools.
* Proficiency in working with all databases like **Oracle, MySQL** and **MongoDB.**
* Strong hands on setting up connections and working on the **Relational Database Management (RDBMS)** like **SQL server 2008/2005** and **Oracle11g /10g**.
* Strong analytical and conceptual skills in database related work primarily creating complex **stored procedure, Views, Triggers, Functions, using PL/SQL, T-SQL**.
* 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**.
* Familiar with Unit and Integration Testing using **TFS** Unit testing Framework and NUnit.
* Experience in using Source Code Control Systems like **MS Visual Source Safe, TFS** (Team Foundation Server) and Proficient in writing Unit Test Cases for Business logic, Web services and WCF.
* Having excellent analytical, problem solving, communication skills and excellent team player.

**TECHNICAL SKILLS**

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| --- | --- |
| **.NET Technologies** | .Net Framework 2.0/3.0/3.5/4.0/4.5/5.0, ASP.NET 4.0/3.5/3.0/2.0, C#.Net, LINQ,  Web Forms, Web Controls, Custom Controls Windows Services, Entity Framework,  MVC 4.0/3.0. |
| **Web Technologies** | Ajax, JavaScript, JQuery, VB Script, XML, HTML, DHTML, CSS, AngularJS |
| **IDE Tools** | Visual Studio 2010/2008/2005, SQL Server Management Studio |
| **Databases** | MSSQL SERVER 2012/2008/2005, MS Access, Oracle 10g/9i/8i, MongoDB |
| **Reporting Tool** | SQL Server Reporting Services (SSRS 2008/2005), Crystal Reports 2010/9/8.5/8 |
| **Modeling Tools** | UML,MS Vision 2010/2007 |
| **Version Control Tools** | Visual SourceSafe(2005), Subversion, Team Foundation Server(2008) |
| **Middleware** | WCF,ADO.NET 4.0/3.5/3.0/2.0,Web Services |
| **Servers** | Windows Server 2008/2003/NT, Microsoft IIS(7.0/6.0/5.0/4.0) |

**EDUCATION**

**Bachelor of Technology in Computer Science & Engineering**

Vivekananda Institute of Technology and Science, India.

**WORK EXPERIENCE**

**State of Iowa, Des Moines, IA Aug 2015 – Till date**

**.NET Developer**

**Responsibilities:**

* Worked in an **Agile Environment** to deliver higher-quality software far more rapidly.
* Extensively used **HTML5, BOOTSTRAP, ANGULAR JS and JQUERY** and created **Single Page Applications (SPA).**
* Experienced on W**eb API** and created web application, worked on **CRUD actions** (HTTP Get, post, put and delete), attribute routing and used **Http Response** message approach.
* Coded **Angular JS** controllers and directives **for application functionality**, **used** filters **while coding in Angular JS.**
* **Implemented** Angular **Service calls using** Angular Factory**. Implemented as a** single-page, Angular JS **client.**
* Focusing on usability, delivering rich UI through extensive use of front-end web technologies like **AJAX, Java Script and CSS** etc.
* Implemented **Two way Data-binding** in Angular JS which makes the application to handle the automatic synchronization of data between the model and view components.
* Developed Razor views with strongly typed view models and helpers and partial views using **ASP.NET MVC4, HTML5, CSS3, and Angular JS, C #, VisualStudio2010 and Telerik** controls.
* Used **URL routing** handled by UI state router, allowing us to divide the application into logical modules (templates and controllers), each of which would be instantiated when its route was invoked by **$Route Provider** in **Angular JS** to route the data from one service to another server.
* Extensive programming experience in .NET Framework 4.0(C#, ASP.NET, VB.NET Web Services, WCF Services, ADO.NET, LINQ to Entities.
* Designed and built reliable, highly scalable, agile and flexible systems using an expressive query language using **MongoDB**.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication and schema design.
* Worked on **Entity Framework and LINQ** extensively to expose the data and also used **JSON** to transmit data between Server and Web Application, an alternative to XML Serialization.
* Developed various web services using **WCF** which can be consumed by web application and other systems.
* Used **Entity Framework 6 and LINQ** to access the two databases so the user could create, edit, display, and delete data from the application's UI.
* Designed TDD (Technical Design Document), User Guide, Release Notes and all other documents related to the dashboard.
* Excellent knowledge of creating Jobs, **SQL Mail Agent** and scheduling **SSIS** Packages and also used **Telerik control** for designing the **web forms**.
* Coded SQL queries using SQL2008 Server and **Postgre SQL** to provide ad hoc reporting and customer churn analysis.
* Designed, developed SOA Web Services using WCF Services with .NET, C#.NET and Hosted on **IIS** and **Unit tested with MS Unit Framework, C#.**
* Managed **Jenkins** usage, process ensuring traceability, repeatability, quality, and support.
* Involved in **Unit testing and Bug fixing**. Experienced in Incident Management/Ticket management.
* Experienced in creating and maintaining Web Services. Used **XML** for request and response from the Web Services and manipulated the result as accordingly.
* Experience working in **SQL Server Integration Services (SSIS)** packages to extract, transform and load (ETL) data from different databases and hands on experience on **web API, REST, RESTFUL services.**
* Used **Microsoft Vision** to develop activity diagrams, flow charts, sequence diagrams and Data flow diagrams to prepare the technical design documents for the use cases.
* Used **Microsoft Team Foundation Server (TFS)** for the purpose of version Control and source code maintenance needs.

**Environment:** .Net Framework 4.5/4.0, Win forms, WCF, Web API, Web forms, Angular JS VB.Net, C#, ASP.Net, HTML5, MVC 5.0/4.0, Visual Studio 2012/2013**,** XML, CSS3, IIS 6.0/7.5, LINQ, Java Script, JSON, MongoDB, TFS.

**Molina Health Care, Herndon, VA Feb 2015 – Aug 2015**

**.NET Developer**

**Responsibilities:**

* Implemented and extensively used the **Object Oriented programming** concepts in **C# and ASP.NET.**
* Developed **Agile Software Development methodologies** to enable efficient and effective high-quality software development.
* Involved in development of **Web Forms**, classes using **ASP.NET** that incorporates both **N-Tier Architecture** and **Database Connectivity**.
* Made extensive use of **OOPS concepts** (generics and inheritance) throughout the project and also involved in gathering the **requirements, analysis, design & development** of the project.
* Designed, developed and enhanced the application using .**NET Framework 4.0** and **Visual Studio 2012.**
* Used **ASP.NET MVC** Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions.
* Involved in development of **Web Forms**, classes using **ASP.NET** that incorporates both **N-Tier Architecture** and **Database Connectivity**.
* Responsible for designing the **ASP.NET** application authentication using .**NET Framework 4.0**, **Model View Controller MVC 4.0** and **IIS** security model.
* Leveraged **angular** resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Used **filters** to format data before displaying it to the user when using **UI-select2** in angular.
* Implemented Angular built-in **dependency injection** mechanism to divide AngularJS application into multiple different types of components which AngularJS can inject into each other.
* Worked on different aspects of .NET framework like **ASP.NET 4** and on middleware **ADO.NET**.
* Experience with web technologies including **HTML5**, **CSS3**, **AngularJS**, **Bootstrap, Web API and Entity Framework.**
* Developed web application for support team using **Bootstrap Framework**, **AngularJS** and **REST APIs**.
* Used **JSON** to transmit data between Server and Web Application, an alternative to **XML** Serialization and also performed **CRUD** operations with **WCF Restful** services using **WebGet, WebInvoke**.
* Dealt with many **JQuery** concepts like **JQuery Date Picker, JQuery Table sorter, etc.**
* Manipulated data using **CRUD operations** of **MongoDB** and Oracle database management system and handled database access and data transmission based on **RESTful web service.**
* Worked on creating various types of **indexes on** different collections to get good performance in **Mongo database**.
* Familiar with **MongoDB** write concern to avoid loss of data during system failures.
* Configured multiple jobs on **Jenkins** for different projects with different plugins for SCM, Unit testing, code analysis, release, deployments**.**
* Also worked on **Entity Framework model adapter feature** that allows arbitrary adjustment of **Db Context or Object Context** model at run time.
* Performed GUI, functional, regression, Integration Testing with Selenium, system testing.
* This adapter allows developer to adjust **Entity Framework 6 schema** at run time when deployment and development environment differs.
* Experience in working on bug tracking tools like **JIRA**.
* Experience in Working on Source controls like **CVS, SVN, TFS, Github.**

**Environment:** VisualStudio2010, C#, ASP.Net 4.0/3.5, WCF,EDMX, JQuery, Expression Blend 3.0, XAML, TFS 2010, IIS 7.0, AJAX, ADO.Net Entity Framework 4.0, JIRA, LINQ, XML , Microsoft Enterprise Library, PosgreSQL, Oracle 10g, NUNIT, SQL Server 2008 R2, Windows Server 2008 R2/2008.

**CDW, Chicago, IL Aug 2014 – Feb 2015**

**.NET Developer**

**Responsibilities:**

* Implemented web controls, user controls for encapsulation UI functionality using **ASP.NET** and also **i**nvolved in trouble shooting and fixing software bugs using Visual Studio.Net and Unit Testing.
* Involved in Full Life Cycle of the project from requirements gathering, analyzing, designing UI/Middle tier/Data Base and Transition using Iterative **AGILE Methodology**.
* Used **JQuery** Accordion, Tabs, Dialog, Progress bar, and Buttons to build rich UI.
* Experienced in website design and development of static websites (**HTML5, CSS3**) and Responsive websites (Twitter Bootstrap) that supports all devices including cross-browser and cross-platform testing and quality assurance.
* It also includes custom Web API controller template that takes into account **framework and dependency injection** as well and this controller template would be prompted under scaffolding option based upon the user selecting appropriate model class.
* Effectively implemented **ASP.NET** intrinsic state management functionality to store application-specific, **session-specific**, page-specific and user-specific information between page request.
* Experience in working on **dependency injection pattern** which allows for the removal of concrete classes at design time and also used **Angular JS** for Validation and Ajax submission, **JSON** web service call.
* Worked on **WSCF (Web Services Contract First) tool** for use with **DataContractSerializer** commonly used for **WCF web services**.
* Developed Web Forms for User Interfaces using ASP.NET and VB.NET using Server Controls, HTML Controls and User Controls.
* Developed Custom Controls and User controls for reusable part of the web pages using **C#. NET with ASP.NET.** Worked on **AJAX controls** like **Update Panel** to manage the post back of the web page to server, **AJAX Script Manager** and **Script Manager Proxy** controls to register JavaScript and web service files.
* Worked on **exception handling feature** to leverage Microsoft Enterprise Library Exception handling block for handling exceptions.
* Implemented various features like **Partial classes, Anonymous types, Read-Only Properties, polymorphism and inheritance of C# i**n building data entity model.
* Worked on exception handling with **Web API** in the user experience pattern and experience in working on **Exception handling with WCF in Web Services Pattern**.
* Experience in working on **Encryption provider** that encrypts configuration file sections with protected certificate installed on the application server in the certificate store.
* Experience in creating unit tests using **NUnit**.
* Experience in working on source controls like **CVS tortoise and TFS**.

**Environment:** VisualStudio2010, C#, ASP.Net 4.0/3.5, WCF,EDMX, JQuery, Expression Blend 3.0, XAML, TFS 2010, IIS 7.0, AJAX, ADO.Net Entity Framework 4.0, LINQ, XML , Microsoft Enterprise Library, NUNIT, SQL Server 2008 R2, Windows Server 2008 R2/2008.

**State of Wisconsin – Madison, WI Sep 2012 – Jul 2014**

**.Net Developer**

**Responsibilities:**

* Designed and developed various abstract classes, interfaces, classes to construct the business logic in **Model** using **C#.**
* Developed the reusable framework for the application using the ASP.NET **MVC Framework 3.0.**
* Involved in development of Web Forms, classes using **ASP.NET** that incorporates both **N-Tier Architecture**, and **Database Connectivity**.
* Implemented **Partial views (user controls), Master Pages, Strongly Typed Views and Complex Views**.
* Implemented **Get, Post** by using **Controller actions** and **Caching** by using **Action Filters** and **Child actions** in Controller and return **Razor HTM**L to View through **Action Results**.
* Used **ASP.NET AJAX** extensively for calling Web Services without writing a lot of custom JavaScript code to handle the request and response messages.
* Created and deployed **Web Services using ASP.NET, SOAP and XML** for Pulling Customer Service Records.
* Modified Web Services to interact with the other applications and exposed them using **SOAP and HTTP.**
* Developed UI using **JavaScript, HTML, CSS, JavaScript validations and XML**.
* Used **AJAX** for rich user interface operations, **trade data** with a **Web Server** without reloading the page and avoiding post back to the server.
* Designed and developed the user interface for various tools and implemented ASP.NET validation controls, JavaScript, JQuery, Bootstrap for server and client side validations respectively.
* Used **JavaScript** (JQuery) to enhance UI experience on Client-Side and also used **JQuery** to perform validations and catch the events on client’s browser.
* Used **LINQ to Entities** for retrieving the data efficiently and Just in Time manner.
* Implemented **Eager Loading and Explicit Loading, Compiled queries,** Immediate Execution to improve performance to **LINQ to Entities.**
* Involved in Coding and Tuning the **queries**, **stored procedures** and **functions** using **T-SQL.**
* Extensively used Report Wizard, Report Builder and Report Manager for developing reports and deploying reports in **SSRS.**
* Implement **NUnit Testing, Integration Testing** and **Regression Testing**.
* Used **Microsoft Team Foundation Server** for the purpose of version Control and source code maintenance needs.

**Environment:** .NET Framework 4.0, C# 4.0, VB.NET, WCF, ASP.NE4.0/3.5, ADO.NET, Visual Studio 2010/2008, SQL Server 2005, XML, AJAX, LINQ, Web Services, SSRS, TFS 2010.

**CSC Corp, Hyderabad Apr 2010 – Aug 2012**

**Software Developer**

**Responsibilities:**

* Involved in development of **Web Forms, Classes** using **C#.NET** that incorporates both N-tier architecture and database connectivity.
* Worked with **ASP.NET** web forms, Master Pages, Web Services, State Management, Caching features, Configuring Optimizations and securing the web application.
* Successfully organized initial set of requirements into master list of **Use Cases**.
* Effectively implemented **ASP.NET security** infrastructure for **authenticating** **and authorizing** user access as well as performing other security related tasks.
* Used **Visual Studio.NET 2003** to design the forms, develop and debug the application.
* Used **JavaScript** extensively to enhance the UI and to make application looks more dynamic and to perform client side validations.
* Used **Cascading Style Sheets** (CSS) to attain uniformity of all web pages and to control the layout and look of the page easily and involved in designing of User Interface with **CSS, HTML, and DHTML.**
* Implemented features of **ASP.NET** such as Calendar Controls, Repeater Control and Security using form authentication and used ASP.NET validation controls to do server-side validations and client-side validations based on the user’s browser**.**
* Created event driven **Web Forms** using **ASP.NET** and implemented form validation.
* Used **SOAP** to Implement **Web Services** and Consumed and published **XML web services** in the application.
* Created **CSS** files to be applied to various web forms on the web pages.
* Worked on **ADO.NET** components **SQL Connection Object, SQL Command Object, Data Reader, Data Adapter, Data Set and Data View** to provide communication to the database and extensively used **Grid view** control throughout the application.
* Developed extensive **Stored Procedures** and **Triggers** in **SQL Server 2003** and also developed classes for connecting to the **SQL Server 2003** Database.
* Involved in **Unit Testing** and **Integration Testing** of the entire application.

**Environment:** ASP.NET, C#, ADO.NET, XML, Web services, HTML, JavaScript, IIS 6.0, Windows 2000, HTML, DHTML, UML, CSS, UML, Ajax Toolkit, VSS, Visual Studio 2003, Win Forms, XML, XSL, HTML, SQL Server 2003.