**JAGSEER SINGH DHILLON**



**SUMMARY:**

* 9+ years of extensive experience in web development, application development with Microsoft .Net Technologies which includes **ASP.Net, ADO.Net, VB.Net, XML, XHTML, Web Services, MVC.**
* **Experienced in MVC client-side framework like Angular, ReactJS and Backbone.**
* **Good knowledge of Dot Net MVC with Entity Framework.**
* Experience in developing presentation layer using **Web Forms** and **Windows Forms.**
* Knowledgeable in all phases of **Software development life cycle (SDLC)** Designing, Developing, Coding, Debugging, Testing, Implementation and Maintenance**.**
* Used Test Driven Development (**TDD**), **Agile/SCRUM** in a fast-changing environment.
* Experienced in the implementation of **Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), Web Applications, Windows Applications** using **.Net Framework Class libraries** and **Web Services.**
* Experienced in working with **J Query** and **JavaScript.**
* **Experienced of front-end design with HTML5 And LESS CSS**
* Proficient in **Master Pages, Themes** and **Cascading Style Sheets**.
* Experience with **ASP.Net** and its components: **AJAX, LINQ to Objects, LINQ to SQL** and **Typed Datasets.**
* Experienced in **Unit testing** of the application and fixing the defects raised.
* Experienced with Microsoft Application building blocks for **.Net** projects: **Data Access, Exception Handling**, **Reflection**, **Serialization** and **User Interface Process**.
* Familiar with **C# 4.0** features such as **Dynamic Binding, Anonymous types, Query expressions, Named and optional arguments** and **collection initializes.**
* Good knowledge and experience in **Database Modeling Concepts, Query Building, Tuning, Query Optimization** and **Running Database.**
* Experienced in handling exceptions using **windows logging, text logging** and **database logging.**
* Experience in database programming involving **Stored Procedures,** functions with **SQL Server 2005/2008 R2**.
* Used versioning tools **Microsoft Team Foundation Server (TFS)** and **Visual Source Safe (VSS)** for version controlling of the Application.
* Hands-on experience with SQL Server Integration Service **(SSIS).**
* Experienced in **UML** for Analysis & Design with **OOP** and **OOAD** methodologies.
* Good team spirit and **organized working** habits with willingness to learn new concepts.
* Excellent Communications skills, good team player and have good **Analytical** capabilities. Good organizational skills, ability to handle multiple tasks and work independently as well as in team.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | **C#, Visual Basic, C, C++, SQL, T-SQL** |
| **Server Scripting** | **ASP.Net 1.1/2.0/3.0/3.5/4.5, ASP, Node.js** |
| **Client Scripting** | **JavaScript, J Query, Backbone.js, AngularJS, Angular, ReactJS.** |
| **Web Technologies** | **ASP.Net, ASP.Net Core, MVC, HTML5, CSS3, LESS, BOOTSTRAP, XHTML, DHTML, Web Forms, XML with DTD, Schemas, XSL, XSLT, DOM, Nop-Commerce .** |
| **Database** | SQL Server 2005/2008 R2/2012, Oracle 12c/19c, MS Access. |
| **Reporting and Testing** | SQL Server Reporting Services (SSIS), Crystal Reports, SSRS |
| **Application Tools** | Visual Studio 2010/2012/2015/201/2019 |
| **Versioning** | Team Foundation Server, Visual Source Safe |
| **Web Servers** | IIS 7.0/7.5/8.5 |
| **Methodology**  **Project Tracking** | UML, Agile, Object-Oriented Analysis/Design  TFS, Jira, Git and SVN. |

**EDUCATION:**

**Master of Computer Applications**, from BGIMT, Sangrur (Punjab), Punjab Technical University, India

**PROFESSIONAL EXPERIENCE:**

**Fortress/Rithm Investment Group (New York CIty, NY) Aug 2021 – Current**

**Description:** Rithm Capital is a leading provider of capital and services to the real estate and financial services sectors. They serve a wide range of investors and consumers and are focused on generating attractive risk-adjusted returns while having a positive impact on the people they reach.

**Responsibilities:**

* Developed a Silverlight dashboard to display current capacity of projects, managing Finances.
* Involved in SDLC of application developed using Agile Methodologies.
* Used **SOAPUI** for functional testing/debugging the web services and used WCF Services for establishing connection between application layers.
* Worked with the business analysts in gathering and documenting business requirements though JAD session, interaction with Business owner/sponsor to specify and clarify the requirement
* Helped management to improve overall performance of project by projecting data in charts and providing KPI.
* Designed and developed the Windows application which consisted of a **WinForms GUI and Web Application** using MVC framework.
* Worked in complete agile team which gathers and designs the tasks based on customer requirement.
* Performed **ADA**Accessibility Testing using tools **NVDA Screen Reader, JAWS, Firebug, Colour Contrast Analyzer, WCAG contrast checker**to confirm that the page is accessible for Screen reader users and colour-blind users.
* Involved in ETL code using PL/SQL to meet requirements for Extract, Transformation, Cleaning and Loading of data from source to target data structures.
* Creating custom **JSF** Face let tags for error handling, data tables true/false markers etc.
* Worked on **Angular 4.0** by consuming **RESTful** web services & Used **Angular 4.0** forms like Template Driven forms and Modern Driven (Reactive) forms.
* Implemented the function to send and receive **AMQP** messages on **Rabbit MQ** synchronously and asynchronously and send **JMS** message to **Apache Active MQ** on the edge device.
* Designed, architected, programmed **WinForms**, **Web based Application and Libraries.**
* Involved in design and development of Web Application using **ASP.NET MVC, .Net Core 1.0, C#.NET, SQL Server 2008, WCF, and Visual Studio 2012.**
* Used **Open stack and AWS** cloud services to launch Linux and windows machines, created security groups and written basic PowerShell scripts to take backups and mount network shared drives.
* Performed Server migration using cloud servers like AWS from physical to cloud environment by using various AWS features like **EC2, S3, Auto scaling, RDS, ELB, EBS, IAM, Route 53 for installing, configuring, deploying and troubleshooting on various Amazon images.**
* Leveraged **Amazon Web Services** like **EC2, RDS, EBS, ELB, Auto scaling, AMI, IAM through AWS console and API Integration.**
* Ensured successful architecture and deployment of enterprise grade PaaS solutions using **Pivotal Cloud Foundry (PCF)** as well as proper operation during initial application migration and net new development.
* Developed and executed test automation using a custom **C#** automation framework for web application and database stored procedure functional testing.
* Developed **Single Page Application (SPA) using AngularJS** Framework and injected generic services using Angular 2.
* Created WCF Services responsible for communicating and providing real time data from integrated server to Client Application.
* Extensively worked on Agile SDLC methodology and participated in scrum meetings, Retrospectives, Sprint planning and review meetings to discuss the flow of the project and distribution of the User stories.
* Designed large numbers of **WPF (Windows presentation foundation) Forms, Custom Controls and User Controls using XML language for UI.**
* Developed the modules using **Asp.Net, C#.Net, HTML5, CSS3, Java Script, Master Pages, Ajax, Web Server Controls and used jQuery for client-side validations**.
* Created reusable templates **using Angular** directives and worked with NPM package manager tools **(NodeJS).**
* Designing and developed **Micro Services using (MEAN Stack) Nodejs, MongoDB.**
* Part of this project’s requirement was to do data requirements gathering such as servers, etc, so that another member of the **AutoSys** team, split responsibilities with me to install **AutoSys** on their Windows servers, while the application teams provided an SA to install Autosys on their UNIX servers.
* Developed the web pages using **Asp.net, HTML and CSS** for styling the Web pages.
* Experienced in writing **Gradle, Maven** and **ANT** scripts to perform continuous build and integration of Java applications using **Jenkins** and deploy using uDeploy.
* Implemented **jQuery and Java script** for developing rich user interface.
* Leveraged existing **Windows Forms (WinForms)** to maintain legacy applications with to create controls.
* Used High charts and D3.js for creating Graphs and charts according to JSON/ Raw data provided by clients
* Analysed and designed new **.NET Web, Batch and WCF** application from design to completion stage.

**Environment:** Silverlight, WCF, ASP.NET, Console Application, C#, .Net Core 2.0, Jenkins, Apache Active MQ, Angular 4.0, ReactJS, Tortoise SVN, GIT, TDD, Angular 2/4/6, WPF, HTML, CSS, AWS, Google Cloud, Nodejs, Ajax, ADA, jQuery, JavaScript, TFS, PL/SQL, D3.js, PowerShell, Automation Testing, SQL Server 2012, Windows XP.

**Lash Group AmerisourceBergen (Rockville, MD) March 2016 – July 2021**

**Description:** Lash Group delivers expanded services that include integrated pharmacy and customized wholesale solutions, powered by TheraCom. This includes a full-service specialty pharmacy distribution and an integrated dispensing program. The turnkey solution integrates with support services, resulting in a comprehensive end-to-end offering for Lash Group clients.

**Responsibilities:**

* Worked closely with the Business Analysts to understand the scope of the business requirements.
* Participation in development life cycle events like requirements gathering, creating SRS, development, unit testing, integration testing and support.
* Designing and developing custom solutions and enhancements using ASP.NET and C#.
* Created Premier Source application using MVC framework, Infragistics controls, C#, and WCF service to support premier source clients.
* Created hardware interface service using Entity framework, LINQ using C#.
* Used code first approach for table entities, mapper classes for entity mapping.
* Creating SQL Server objects like Table, View, Stored Procedures and ad-hoc queries. Applying different constraints as per the requirement.
* Providing primary production support functions including bug fixes, unit testing and integration testing.
* Working closely with the offshore teams for coordinating development efforts.
* Applied ASP.Net **best practices** throughout the application development process.
* Used **MS Visual SourceSafe** as a version control tool.
* Using Component, one controls for showing Data on Screen.
* Unit testing and resolve any issues that the QA team identifies.
* Some Times worked on code reviews offshore developer on TFS.
* Agile/SCRUM methodology used to develop the project.
* Created stored procedures in SQL Server, performance tuning the functions, procedures, queries for improved performance.
* Worked in LINQ to XML, LINQ to SQL, Lambda expressions, thread, multithreading, worker process.
* Worked on automated service which do provisioning for all the iPad using WCF service.
* Created tasks in TFS and updated the user stories with respect to each module.

**Environment:** ASP.Net 4.5, MVC4,Visual Studio 2013, ADO.Net, LINQ , HTML, One Components Controls, WCF, XML, SOAP, Web Services, Java Script, JQuery ,XPATH JSON, IIS, SQL Server 2012/2014, SQL Server Integration Services(SSIS), SSRS Crystal Reports, TFS,Infragistics Controls.

**National Weather Service (Silver Spring, MD) June 2015 – Jan 2016**

**Description:** Working in the Office of Climate, Water, and Weather Services. This group is responsible for verification and evaluation of NWS products and services. The Performance Management system data provides baselines for the establishment of performance targets as mandated in the Government Performance and Results Act (GPRA) of 1993 and the GPRA Modernization Act of 2010 to measure agency performance and report accomplishments. The NWS uses this information to evaluate the quality of its forecast and warning services and identifies opportunities for improvement.

**Responsibilities:**

* **Create a more automated and resilient system that infuses state of the art software (both COTS and developed in-house) and statistical methodologies in the transfer of new performance management requirements into operational applications.**
* **Build and maintain systems with .NET/C#, shell scripting and Windows PowerShell**
* **Develop new functionality on existing software products**
* **Continually improve web-based display systems for hydrologic verification statistics.**
* **Make use of any appropriate development tools and methods, such as ASP.NET (C#) programming languages; object-oriented; client-server database technologies (MS SQL Server); and graphical user interface packages (Macromedia Flash, Google Maps, etc.).**
* **Continually review and upgrade systems to ensure a modern, optimally user-friendly, robust environment. This includes designing and implementing sub-systems that provide a high degree of automation and quality control of the entire verification process.**
* **Use and customize the Js plugins like jQuery, jQuery UI, tinymce, sortable, tooltip, prototype Js and etc.**
* **Create requirement high level and database design diagrams.**
* **Use the Sql Server features like User-defined Table Types, Triggers, Functions and use sql server email store procedure for the email jobs.**
* **Used Cascading Style Sheets (CSS) and master pages in the web forms design.**
* **Use user controls and customize the validation controls according to requirements.**

**Environment:** ASP.Net 4.0, Visual Studio 2012, ADO.Net, HTML, WCF, XML, SOAP, Web Services, SQL Server 2012/2014, SQL Server Integration Services(SSIS), TFS ,CSS, AJAX, Prototype and JQuery.

**Lockheed Martin**, Atlanta, GA **March 2015 – June 2015**

**Project: Ebola Budget Module for the CDC**

**Description:** Working On CDC Government Project. Working on CDC Budget data Management Projects. Developing the Ebola Module for Managing the BP2 and BP3 HPP Performance Manger Budget. Due to the compensatory, personal financial and legal/tax/human resource aspects of the applications, they are required to support an “error free environment” that offers a high degree of quality, accuracy and confidentiality regarding not only the data, but the programs themselves.

**Responsibilities:**

* **Involved in requirement gathering, analysis, and design and developing using ASP.Net front end technology.**
* **Involved in the iterative process of development in Agile and Scrum environment.**
* **Developed and used various Web forms, Custom Controls and User controls using ASP.Net, C# and JavaScript.**
* **Created Master Pages and styles to maintain uniformity throughout the website.**
* **Used j Query for rich looking of Web application and also used AJAX components in the user interface development.**
* **Used N-tier architecture to development of the code.**
* **Client and server side validations are done using Java Script and ASP.Net validation controls.**
* **Used LINQ to SQL which supports binding to common controls, such as grid control.**
* **Used Cascading Style Sheets (CSS) and master pages in the web forms design.**
* **Implemented security, where a single user can have different access levels.**
* **Used WCF for developing and deploying services on Windows in line with the Service Oriented Architecture (SOA).**
* **Designed database in SQL Server and created stored procedures, functions, views to reduce complexity of front-end SQL queries and triggers to enforce entity relationships.**
* **Involved in writing stored procedures, functions and triggers.**
* **Used TFS for version controlling of the application.**

**Environment:** C# 3.5/4.0, ASP.Net 3.5/4.0, Visual Studio 2008/2010, ADO.Net, HTML, WCF, DHTML, XML, SOAP, Web Services, SQL Server 2008,SQL Server Integration Services(SSIS), TFS ,CSS, AJAX.

**American Federation of Teachers**, Washington, DC **Jan 2015 – March 2015**

**Project: Share My Lesson**

**Description:** Share my Lesson is a large Asp.net web application with dynamic content loading. The whole html content handle from back end through web vision application. It’s mainly share own views with teachers means by teachers for teachers.

**Responsibilities:**

* Analyzed business requirements, participated in technical design, development and testing of various modules assigned.
* Involved in web designing using **HTML 4/5, XHTML, CSS 2/3,** JavaScript and extensively used Table less Design in **CSS for positioning.**
* Developed page **layouts**, **Navigations** and **presented designs** and concepts to the clients and the management review.
* Designed Frontend with in object oriented **JavaScript Framework** like **Angular JS**
* Used **HTML, DHTML and CSS** to interact with the JavaScript functions to add dynamism to the web pages at the client side.
* Created **Images, Logos** and **Icons** that are used across the web pages using **Adobe Flash and Photoshop.**
* Enhanced user experience by designing new web features using **node.js**.
* Created **HTML** navigation menu that is role based menu items changes dynamically, derived from the database in the form of **XML.**
* Designed the User Interface using **use case diagrams, class diagrams, and sequence diagrams** as a part of Design Phase using **Rational Rose**.
* Extensively worked with making calls to APIs to fetch the data from the backend as **JSON** response and parse it on the UI for **DOM/CSS** Manipulation.
* Developed client-side **AJAX** application that uses **XSLT, X-Path, JavaScript OOP**, and more Bind objects and retrieve them via **JNDI interface**.
* Developed Web Services for data transfer from client to server and vice versa using **Apache Axis, SOAP, WSDL, and UDDI.**
* Co-ordinate with **QA** for testing, Production releases, Application deployment and integration.
* Provided production level code to the engineering team for product development, including **cross-browser support**, **CSS optimization**, and **ADA compliance support**.

**Environment:** HTML 5, CSS 3, JavaScript, DHTML, MVC, Angular JS, AJAX, Apache Axis, SOAP, XML, XPATH, Adobe Flash, Photoshop, PLSQL, Windows.

**CS SOFT SOLUTIONS PVT LTD, INDIA Jan 2012 - Sept 2014**

**Project: MARKANDY INTELLIGENT PLATE FORM**, Jan 2012 – Sept 2014

<http://www.markandy.com/>

**Description:** Mark Andy Intelligent Plate form is a single page application to operate the Mark Andy’s Performance Series P3, P5, P7 and mid web printing machines. Mainly this application is created to make the printing machine user friendly. Also socket programming is used in this application. This application gets the data from any particular port the reply back on same port. Some page of this application also can run on iPad. Other all application is run on twenty one inch screen.

**Responsibilities**

* Involved in requirement gathering, analysis, and design and developing using **ASP.Net** and **Node.js** technology.
* Involved in the iterative process of development in **Agile** and **Scrum** environment.
* Create the User interface with **HTML5** and **Bootstrap CSS.**
* Use **LESS** to avoid conflicting the CSS classes with each other.
* Create the UI of buttons for printing Machine with **Adobe Photoshop.**
* **Use J Query** plugins of **charts and Gauges** for show the performance of Machine.
* **Manage front end development 95% with Angular JS.**
* Developed and used various **Web forms, Custom Controls** and **User controls using ASP.Net, C#** and **JavaScript.**
* Used j **Query** for rich looking of Web application and also used **AJAX** components in the user interface development.
* Used **N-tier** architecture to development of the code.
* Client and server side validations are done using **Java Script** and **ASP.Net validation controls**.
* Used **LINQ** to **SQL** which supports binding to common controls, such as grid control.
* Used Cascading Style Sheets (**CSS**) and **master pages** in the web forms design.
* Implemented security, where a single user can have different access levels.
* Designed database in **SQL Server** and **created stored procedures,** functions, views to reduce complexity of front-end SQL queries and triggers to enforce entity relationships.
* Involved in writing stored procedures, functions and triggers.
* Used **TFS** for version controlling of the application.

**Environment:** Node.js with Flatiron, Couch DB ,C# , ASP.Net 3.5/4.0, Visual Studio 2010/2012, ADO.Net, HTML,DHTML, XML, SOAP, SQL Server 2008,LESS ,CSS, AJAX.

**Contact: (703) 434-2628**

**Client: Rithm Investment Group**

**Designation: Manager**

**Name: Yadwinder**

**Contact: (571) 263-3260**

**Client: Rithm Investment Group**

**Designation; Lead Developer**