**Deepika R **

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**707 530 2464**

**ASP.NET Developer**

**SUMMARY:**

* **6+** Years of experience as **Full Stack .NET developer**, involved in all phases of software development life cycle (SDLC) like Analysis, design, coding, testing, implementation and deployment.
* Extensive working experience with Web technologies like **JavaScript, HTML, HTML5, XHTML, DHTML, XML and XSLT.1.**
* Extensive working experience with different methodologies like **Agile Software Development** process using **SCRUM, Test-Driven Development (TDD) and Waterfall model**.
* Expertize in developing **ASP.NET MVC 5.0 web applications**. Extensively worked on **Web Server like IIS 5.0/6.0/7.5.**
* Good experience in technologies like **Visual Studio 2005/2008/2012/2013/2015, ASP.NET, ADO.NET, C#, C#.NET, VB.NET, IIS, Reporting Tools like SSRS, jQuery, JavaScript, Web Controls, AJAX, WCF, WPF, LINQ, MVC, Angular JS, Angular 2, Bootstrap, Entity Framework, SQL Server 2005/2008/2012/2014, Sybase and Web Services.**
* **System Design and Development, Rapid Application Development (RAD) using MVC and MVP patterns** with design patterns, code review and release management.
* Experience in creating tables, **Stored Procedures, Views, Triggers, Relational Database Models, Indexes**, Data integrity in observing Business Rules.
* Expertise in developing **WCF, SOAP, REST and WEB API** services to attain useful functionality for the web users describing them using WSDL, registering them using UDDI registry for consuming the services provided by them.
* Developed Facets UI and batch extensions to assist client with implementation of Facets 5.3.
* Extensive experience in **WCF and Web Services** to provide SOA architecture and Configuration based activation applications on **SOAP, HTTP and REST protocols**.
* Expertise in creating deployment of **SSRS, Crystal Reports,** sub reports and **ETL packages** using **SQL Server integration services using SSIS.**
* Experience in developing Web Applications by using User Interface designs like **Master Pages, Razor Views, Layout Pages, Webforms, Win Forms and User Controls usingCSS 3, JavaScript UI Libraries, JSON, jQuery, Kendo UI Angular JS, Knockout, Bootstrap.**
* Hands on experience in designing and writing Unit tests and Integration tests using **N-Unit and Moq Framework, Spec flow as part of TDD (Test Driven Development).**
* Excellent Debugging Skills, Error handling, Exception management, tracing, troubleshooting and logging features.
* Experience with **GitHub** in building few files and experience in Design and Development of **GUI (Graphical User Interface)** using C# using Win Forms and Windows Azure.
* Implemented .NET security features such as Authentication and Authorization using Windows Authentication, Forms Authentication and Passport Authentications.
* Expertise in Object Oriented Programming Concepts and UML language used to develop **Object Oriented Analysis (OOA)and Object Oriented Design (OOD).**
* Solid Experience in **Relational Database (RDBMS)** design and development using **SQL Server, TSQL, PL/SQL,Oracle and MS-Access.**
* Expertise in using ORM tool to map classes with tables to enable working with rows as objects as an Entity Framework.
* Experience in developing **Facets XCOM** and Embedded extensions.
* Expertise in using **ASP.NET MVC** framework to support the use of **Dependency Injection** to inject objects to create the objects itself.
* Developing Entity Data Model, CRUD operations and stored procedures by using Entity Framework.
* Experience with WCF using WSDL, WPF using **MVC(Model View Control)** design pattern and **MVVM(Model-View-View-Model)** design pattern.
* Creating A Highly Available Fault Tolerant Application Environment and aspects of Data Management, Security in AWS environment.
* Experience in creating an **ASP.NET MVC 5** User Interface that communicates with Windows Communication Foundation (WCF) to interact with database.
* Experience with **ASP.NET Web Forms, Win forms, Web Services, and State Management, Caching features, configuring optimizations** and securing the web application.
* Expertise in developing in converting .NET application to **Microsoft Azure Cloud Service** Project as a part of cloud deployment.
* Diverse knowledge on AWS Developer Tools like AWS Code Commit, AWS Code Deploy, AWSCode Pipeline.
* Expertise in using **SQL Helper Class, Error Handling and Logging Microsoft Enterprise Application Blocks.**
* Experience in **gathering requirement** analysis, architecture, design & development of enterprise N-tier applications, documentation of user requirements, functional, systems Integration and architectural specifications.
* Perform all **facets of design**, application development and testing within .NET architecture based on programming guidelines/standards.
* Experience installing, configuring, testing **Hadoop ecosystem components**.
* Experience in using **jasmine** which a powerful tool is used to test JavaScript code and writing unit tests and running them using karma.
* Familiar with data architecture including data ingestion pipeline design, Hadoop information architecture, data modeling and data mining, machine learning and advanced data processing. Experience optimizing **ETL workflows**.
* Sound knowledge in Tech Writing with selected and utilized appropriate calibration standards for the preparation of procedures.
* Hands on experience in designed required techniques or utilize existing methods to certify critical parameters having a high degree of accuracy working on Tech writing.
* Worked on projects that used **MVC, Factory, Facade and Singleton Design** patterns extensively.
* Adaptive to any kind of environment.
* Familiar with the principles and implementation of **Data Warehouse with Fact Tables, Dimension** Tables, Aggregations, Star and Snowflake schema.
* Developed Outlook Add-In using **WPF, C# and SQL Compact Edition** along with Custom installation and integration of **MSCRM Outlook client**.
* Experience in using **Log4Net with ASP.NET** Core for implementing logging.
* Good team player with excellent technical knowledge and communication skills.
* Highly motivated and determined with distinctive work ethics.

**TECHNICAL SKILLS:**

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| **Language** | C#, Visual Basic, .NET, PL/SQL, C++ |
| **Web Technologies** | Ajax, ASP.Net, JavaScript, Web Forms, SOA, Web Services, AJAX toolkit, KendoUI, HTML5, DHTML,CSS3, Angular JS, POWERSHELL, XML, XSL and XSLT. |
| **Microsoft Technologies** | Framework 4.5/4.0/3.0, ASP.NET MVC5, Classic ASP, LINQ, Entity Framework, Prism 4.0 Framework for WPF, WCF, Windows Service, MSMQ, Azure, SQL Server Integration Services(SSIS) and Reporting Services(SSRS). |
| **Databases** | MS SQL Server 2012/2010/2008, T-SQL, Oracle 11g/10g/9i, MS-Access. |
| **Operating Systems** | UNIX, Windows 8/7/XP/Vista/2003/2000/98/NT. |
| **Testing Tools** | Microsoft Visio 2003, NMOck, NUnit, Moq. |
| **Reporting Tools** | SQL Server Reporting Services 2008/2005/2000, Crystal Reports 9.0. |
| **Software Methodologies** | Agile SCRUM, Client/Server Architecture, Waterfall, OOA, Prototyping, N-tier, Process Models SOA, Systems Integration, Application Architecture. |
| **Scripting** | JQuery, JavaScript |
| **Development Tools** | MS Visio, MS Visual Studio 2015/2013/2012/2010/2008, SQL Server Management Studio 2013/2012/2008, TOAD. |
| **Version Control Tools** | Test Driven Development(TDD), Team Foundation Server(TFS), SVN, Visual SourceSafe, GIT. |
| **ORM** | Entity Framework, N Hibernate. |
| **Enterprise Servers** | IIS 5.0/6.0/6.5/7.0. |
| **Big data Eco Systems** | Hadoop, MapReduce |

**Work Experience**

**Project : 01**

**Client: University of Minnesota, Minneapolis, MN Jan 2017- Till date**

**Role: Full Stack .NET Developer**

**Responsibilities**:

* Designed and developed rich and enhanced web applications using MVC 5.0, C#, Entity Framework, MVP, JSON, HTML 5, **CSS 3, AngularJS, Knockout JS, Backbone.JS** and JQuery in Agile/Scrum methodology.
* Designed and Developed Master and Content Pages Web Forms using **ASP.Net Server** Controls **and C# .Net as code-behind**
* Used **AJAX** to improve the performance of the web pages and to display the data on frequently visited pages.
* Used **LINQ for data retrieving**, **querying, storage and manipulation** interface screens developed using **ASP.Net**.
* Involved in **SDLC** Software Development Life cycle.
* Used **TFS** Team Foundation Server as a central repository. Followed **Scrum Agile Methodologies**.
* Developed the classes, multi-threaded **using C#,** which incorporate N-tier architecture and database connectivity.
* Built Credit Card application for mobile in **KendoUI**
* Designed the complete solution using N-tier Architecture model and design patterns mainly Abstract Factory and **Singleton.**
* Worked on Agile Methodology to practice-based methodology for modelling and documentation of software-based systems.
* Using advanced level of **HTML, XML, XAML, XHTML, AJAX, JSON, JQuery, JavaScript, Knockout, Backbone.JS, CSS** and pure CSS layouts
* Used **Model-View-Control** (MVC) software architecture in web applications to view the html.
* Designed, modelled and architected enterprise n-tier software agent using **Windows Communication Foundation (WCF)** service hosted in a Windows service to support Distributed computing.
* Configured Windows Communication Foundation (**WCF**) and windows presentation foundation(**WPF**) service to authenticate clients with Windows credentials for intranet applications for login validations.
* Extensive use of **MVVM(MVC) and WPF** for a unified user interface.
* Designed Frontend with in object oriented JavaScript Framework like **Backbone.JS, Angula.JS**.
* Involved in replacement of legacy systems with ASP.NET single page web applications(SPAs) and relational databases using latest ASP.NET MVC, Entity Framework and Web API, server side technologies and **Angular JS, Backbone.JS** and AJAX client side technologies.
* Worked extensively on the UI, created Views by utilizing MVC 5, created View models and wrote client side validations using JQuery and **Backbone.JS.**
* Developed high complex solutions integrating **Facets** core component based on interface requirements.
* Involved in creating rich and interactive UI using **CSS, Java Script, Ajax, Angular JS, React JS, Backbone.JS WPF.**
* Extensively used Report Wizard, Report Builder and Report Manager for developing reports and deploying reports in **SSRS**.
* Used **SSIS** to read different types of files like **excel, CSV and import them to SQL Server.**
* Experience in creating rich internet applications that is device independent and cross browser capable using **HTML5.**
* Uses a practical knowledge of writing procedures to a prescribed format to assure complete coverage in logical sequence is available to calibration activities in Tech writing.
* Designed architectures leveraging Windows Azure and Windows Workflow Foundation.
* Experienced in development work around developing interfaces into various components of client infrastructure using **REST and SOAP APIs.**
* Wrote **PL/SQL queries** with Joins on multiple tables, **Stored Procedures, Functions Triggers**
* Worked on **MongoDB** for storing large amount of data.
* Implemented features of **ASP.Net AJAX** such as Calendar Controls, Repeater Control, and Validation controls, Dataset, Security using forms authentication.
* Experience with **REST** web services in .Net technologies (i.e. JAX-RS, Spring-Rest, etc.)
* Designed and developed UI for Tax application using latest **Silverlight 2.0 and ASP.NET 2.0/3.5 tools** (Master pages, themes, site navigation maps)
* Developed multiple reusable controls such as Header, Footer and Main Windows using Microsoft Visual Studio 2010 & Expression Blend/Design, XAML, C#, and Customized Controls using Data Templates & Control Templates.
* Dynamically evaluates calibration procedures to assure that procedures are technically correct and can be performed in the field of Tech writing.
* Converted .Net application to Microsoft **Azure** Cloud Service Project as part of cloud deployment.
* Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in SQL Server using **T-SQL.**
* Involved in testing of application by Unit Testing, Integration Testing, User Acceptance Testing (UAT) and End User Support.
* Used **GIT** as a source control before we switched to **Team Foundation Server** (TFS) for version control of the source code along with the maintenance of the builds and the relevant documents of the same
* Designed and implemented Data Integration and ETL processes with **SQL Server Integration Service(SSIS)** packages to make data available for reporting purpose within a data warehouse Environment.

**Environment:**ASP.NET, .NET Framework 4.5, SilverLight, WCF, WPF, XAML, MVC, XML, LINQ, MongoDB, Java Script, HTML, CSS, Xml- Schema, SQL Server 2008 R2, SSIS, SSRS Windows Server 2008, Angular.js, REST web services, Scrum and Agile Methodologies.

**Project:02 Oct 2015 – Dec 2016**

**Client: State of Tennesse, Nashville, TN**

**ROLE: Sr.NET Developer**

**Responsibilities:**

* Involved in migration of **SD Dashboard**, and gathering requirements, enhancing the existing business logic to meet client requirements and extensively involved in developing quality and performance based application.
* Extensively worked with **MVC** design patterns.
* Designed **Master Pages and used HTML, CSS and JavaScript**, to develop and implement a user-friendly UI design for the presentation and provided web security for the application (providing authentication and authorization).
* **Used React.js** to design to make the process of building modular, reusable **user interface components** simple and intuitive.
* Used **React** JS fully to transude components, replacing them with new content.
* Used **ADO.NET Entity framework** for communication between application and database.
* Involved working on **database scripts, Stored Procedures, Views, Indexes using SQL to extract health group Information.**
* Experience developing Facets extensions for Health Care Payer.
* Designed and developed Web-services using **C# .NET, ADO.NET and XML** to handle online health care claims and membership transactions with central database.
* Developed **Perl scripts** to automate frequent reports for the users.
* Data access layer used entity framework **ORM** for data oriented health care claims software application. Used **LINQ** in DAL layer to pull relational data from the database.
* Created database tables from classes using **entity framework and made the application data centric.**
* Used **SSRS** to generate reports for PeopleSoft team to the health care claim and the responsibility if the customers to pay the bill and based on it they will generate checks and send it to the providers.
* Designed and developed Web-services using **C# .NET, ADO.NET and XML** to handle online health care claims and membership transactions with central database.
* Designed Custom **Web Control** in the form of **Composite and Derived Controls**.
* Designed and Implemented **healthcare association User Interface Layer** using **ASP.NET Web Forms**.
* Implemented **WCF services** as one of the **application layer.**
* Developed and deployed back-end services to **Azure** clouds to support mobile applications
* Updating the instance counts in the production for the services of Red box in the Production **Azure** Subscription
* Performed **unit testing, functional testing, regression testing, white box testing, black box testing** and so on to satisfy the technical specifications based on Functional Requirement Specification document.
* Developed applications using **AngularJS-Bootstrap** like Grids, Toolbars, Panels, Combo-Box and Button etc.
* Worked with QA team in testing and fixing bugs which are reported in **ALM software**.
* Performed Unit testing on the **AngularJS UI** for Performance issues and data integration
* Designed Test plan documents using **FRS documents** with test cases and executed them.
* Maintained the source code versions using **Team Foundation Server (TFS) and GIT**Used**Crystal Report** for report generation.
* System unit testing at **façade layer.** Developed UI with **MVVM** by using **JavaScript, JSON, HTML5, jQuery UI.**
* Extensive experience in implementing **Cloud Architecture application** for creating very implementing rich class libraries.
* Created **N-Unit**Asp for automatically testing **ASP.NET web pages.**

**Environment:.NET 4.0, C, MVC 4.0, CSS, ASP.NET 2010, WCF, SOAP, IIS 7.0, XML, HTML5, REST API, Angular JS, LINQ-to-SQL, Enterprise library, T-SQL, Oracle 10g, PL/SQL, SQL Server 2008 R2, and SVN subversion, Windows SharePoint services 3.0.**

**Project: 03**

**Client: United Airlines, Chicago, IL Nov 2013 – Sep 2015**

**ROLE:.NET Developer**

**Responsibilities:**

* Developed the reusable framework for the application using the **ASP.NET MVC** Framework.
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using **C#**.
* Designed and developed Graphical user interfaces using **XAML** and **C#**.
* Used **Data Grid, Items Control** and many other controls with Paging and Sorting for displaying various data on to the page.
* Developed the Entities needed for the Database tables using **Entity Framework.**
* Used **JavaScript to perform validations** and catch the events on client's browser.
* Involved in developing web Pages with rich **UI**, **AJAX** and **JQuery** using **ASP.NET**.
* Developed module which deals with **validating user, changing passwords** and searching of information depending upon priority of user in site Using **ASP.NET**.
* Developed system services **SOA application** platform for use by all web applications utilizing **WCF** services and the **ASP.NET** provider model.
* Developed brand new and critical **UNIX shell scripts** for archiving, restoring and purging data. Implemented in **multi-thread approach** and process waits approach.
* In Unix shell scripts, implemented audit function approach to validate the results before/after process runs for **archive/restore/purge etc.**
* Used bindings to control the construction of the **Windows Communication Foundation (WCF)** channel stack at runtime.
* Used **Data Contract as the standard mechanism** in the WCF for serializing .NET object types into XML.
* Developed Web Services and invoking them by using **XMLSOAP** and **WSDL** for creating proxy classes.
* Used Web Services (**SOAP, WSDL**) for communicating with other application and components.
* Developed Queries for Views, User Defined Functions, Stored Procedures and Triggers using **T-SQL** Statements.
* Implement **N-Unit Testing, Integration Testing** and **Regression Testing**.
* Worked on **performance tuning** on existing application code to speed up the report preparation.
* Performed transformations using various SSIS tasks such as **conditional split, derived column, that performed data scrubbing**, including data validation checks during staging, before loading the data into the data warehouse.

**Environment:**ASP.NET MVC 4.0, ASP .NET, C#, Entity framework, SQL Server, Fluent Validation, WCF, T-SQL, TFS, AJAX, JavaScript, HTML, IIS, ADO.NET, JQUERY, N-Unit, SSRS, SSIS, SOAP, SOA Application, Agile Methods.

**Project: 04**

**Client: Wipro Technologies, Hyderabad, India Mar 2012– Oct 2013**

**ROLE: .NET Developer**

**Responsibilities:**

* Involved in communicating with the clients, gathering requirements for the development.
* Involved in creating and consuming **XML** Web Services for processing Orders.
* Designed and developed the user interface for various tools and implemented **VB.NET** validation controls, **JavaScript, JQuery, CSS** for server and client side validations respectively.
* Involved in production support of various applications developed in **VB.NET** and **C#**.
* Extensively used the **ASP.NET Ajax Controls** like Script Manager, Update Panels and Updated Triggers to make the page more responsive and interactive to the users.
* Rewrote legacy corporate banking module, from **classic ASP and XML/XSLT to ASP.Net, HTML, CSS, JavaScript, WCF** as part of a major update.
* Implemented **Data Access layer**, **Caching** Application block, **Application validation**, **Exception handling** and **logging** components using Microsoft Enterprise Library 4.1 Application Blocks.
* Developed and used various **Web forms**, **Custom Controls** and **User controls** using **ASP.NET, C#** and **JavaScript.**
* Developed Reusable Classes using **VB.NET**.
* Extensively used **WCF** services, thereby achieving complete **Service Oriented Architecture**.
* Import **RDBMS tables into HDFS/Hive using Sqoop command** and complex options likes compress codec; query, filter out by Where conditions, utilized Spilt -by columns, incremental append with check -column ID and last value.
* Worked with **data migration**. Used tools like **SQL Server integration services (SSIS)** in transferring data from one database to another.
* Developed **PL/SQL** triggers and master tables for automatic creation of primary keys.
* Created **PL/SQL** stored procedures, functions and packages for moving the data from staging area to data mart**.**
* Utilized various **client side validation**control for user input validation.
* Extensively worked with **Global asax to monitor and trigger application level events.**
* Created Database objects like Tables, Stored Procedures and Triggers in **SQL Server**.
* Created star schema **in SSAS and developed SSRS reports** based on the cube.
* Used **ADO.NET** objects such as Data Reader, Data Adapter and Data Set to object data source fetch and handle user data.
* Responsible for maintaining versions of source code using **Team Foundation Server**.
* Developed **Master Pages, Themes, and Skins** for consistent look & feel throughout the site.

**Environment:** Visual Studio 2010/2008, .NET Framework 3.5/4.0, ASP.NET 3.5/4.0, ADO.NET, VB.NET, AJAX, XML, SOAP, SQL Server 2008, JavaScript, LINQ, JQuery, WCF, SSRS, SSIS, And Team Foundation Server (TFS), Oracle 10g.