**Aditya Dharmasagar**

.Net Developer

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**Objective:**

Having 8 years of IT experience in entire of Software Development Life Cycle (SDLC) such as Planning, Analysis, Design, Implementation, Testing and Maintenance of Web Based, Client-Server and N-tier Architectures in domains like **Health** **care** and **Financial**. Wide knowledge and proven experience in **web**, **desktop** **application** **development** and maintenance. A self-starter, quick learner and capable of working independently to achieve milestones and deadlines. Adapt a prioritizing, tracking and completing tasks to accomplish project goals.

**Professional Summary:**

* Excellent programming skills coupled with experience of designing and developing software applications with the **C#(5.0/4.0/3.5/3.0/2.0) .NET Framework (4.6.1/4.5.1/4.5/4.0/3.5/3.0/2.0/1.x) .NET Core MVC(5.0/4.0), Entity Frame work 6 , ASP.NET(4.5/4.0/3.5/3.0/2.0), ADO.NET, AJAX, LINQ, WCF, CSS, Web Services, SOAP, Razor.**
* Proficient in object oriented concepts like **Data Abstraction, Inheritance, Data Encapsulation, Polymorphism** and **SOLID** principles
* Experience in Configuring and deploying applications on Build server for **CICD** pipeline using **Bitbucket**, **Bamboo**, **JFrog** and **Jira**.
* Having hands on experience on deploying and configuring on **Azure Cloud.**
* Expertise in application development in **TDD**.
* Hands on experience on **MVC** design pattern.
* Having good hands on experience on **jQuery.**
* Extensive Experience with **ORM** technologies like **Entity Framework** Database Model first and performance tuning in Entity Framework.
* Well versed in **Devops** tasks like configuring build jobs in Bamboo, Hosting projects in Bitbuket and resolving Branch conflicts.
* Having hands on experience on **Automation** and **Test Stack White** framework to handle UI elements.
* Designed Presentation Tier (web pages) using the concepts such as Master Pages, Themes, **HTML, XML, CSS, Java Script, jQuery and ASP.NET Custom Controls**.
* Used Language-Integrated Query(**LINQ**) query to retrieve data from data source (**LINQ to SQL**).
* Having a good hand on experience on **Entity Framework 6.0**
* Extensive experience in developing **WCF Services** to expose useful functionality to web users.
* Experienced with Microsoft Application building blocks for .Net projects (Data Access, Exception Handling, Caching and Configuration Management Application Blocks).
* Having hands on experience on **N-Tier architecture**
* Having hands on experience with **NuGet Package management**
* Having hands on experience on **dependency Injection.**
* Experienced in a fast-paced **Agile Development** Environment including **SCRUM**
* Worked in database related work primarily creating complex stored procedure, Views, Triggers, Functions, usin**g T-SQL.**
* Having hands on experience creating **test cases** and also on **manual testing**
* Experienced in Configuration Management, build schedule using **Team Foundation Server 2015/2013/2012/2010, Tortoise SVN, Source tree and GIT**.
* Experience in deploying, configuring and maintaining the web sites and services on **IIS.**
* Excellent Written, Analytical Skills, Verbal Communication skills with a customer service-oriented attitude and worked with the offshore team as onsite coordinator to provide the update on the daily basis.

**Technical Skills:**

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| **Microsoft Technologies** | C#.Net(4.5/4.0/3.5/3.0/2.0) , ASP.Net, WCF, MVC 4.0/5.0, Asp.Net Core MVC 3.1.1,Razor, EntityFramework 6.0, ADO.NET, Web Services, HTML, T-Sql, MS Enterprise Library 5.0 |
| **Web Technologies** | ASP.NET 4.5/4.0/3.5/3.0/2.0, Javascript, JQuery, AngularJS 1.x ,Angular 2/6, CSS, JQuery, CSS3, HTML5, Bootstrap, CSS LESS. |
| **IDE Tools** | Visual Studio 2017/2015/2013/2012/2010/2008/2005, Sql Server Management Studio |
| **.Net Frameworks** | .Net Framework 4.6/4.5.1/4.5/ 4.0/3.5/3.0/2.0 |
| **Databases** | REDIS, MS SQL SERVER 2014/2008/2012/2016/2017, Oracle, PL/SQL. |
| **Version Control Tools** | Team Foundation Server(2010/2012), Tortoise SVN, GIT |
| **Reporting Tools** | SSRS |
| **Servers** | Windows Server 2008/2003/NT, Microsoft IIS(7.0/6.0) |
| **Third party Frameworks** | Telerik Framework |

**Education:**

Master’s Degree in Computer Science from University of Illinois, Springfield, 2015 - GPA – 4.0/4.0

**Work Experience:**

**Client : OpenEdge**

**Duration : Jan 19 – Till Date**

**Location : Lindon, UT**

**Project Name : Xcharge | Analytics**

**Responsibilities:**

* Involved in complete end to end SDLC including Analysis, Design, Implementation, Testing and Maintenance of a web application in **Agile Environment**.
* Created and consumed **web API** to get the data from **Salesforce** and to generate a **JWT token**.
* Created a **custom connection** **pool** to maintain salesforce connections as it was costly to make new connection every time to salesforce.
* As part of **TDD** developed numerous **unit** **test** **cases** attaining above 80% code coverage using **Fakes** and **Moq**.
* Created a single Page File tracking application to track financial reports and hosted it in **Azure**.
* Created multiple containers to store categorized reports to store in **BLOBs** and **CLOBS** respectively.
* Used **Unity containers** to Register and Resolve Interfaces and respective implementation classes for Inversion of control. Which helped in disposing instances based on lifetime managers.
* Worked on **TestRail** and converted multiple manual test cases into automation cases for nightly run and a smooth CICD pipeline
* Developed single page **.NET** **Core** web application to generate Automation Data for QA in configuring test cases in **TestRail.**
* Implemented automated nightly runs for a smooth **CICD** which helped in saving QA time for manual regression testing.
* Developed database **triggers** and **stored** **procedures** using **T-SQL cursors** and **tables.**
* Used **Redis** as in Memory database to store Important Key value pairs of information to reduce the operation time in fetching data.
* Used **Moq framework** to create Unit tests, created test DB sets which can be injected as Entity data context for testing purpose as we shouldn’t connect to DB when unit testing
* Used **swagger** to create documentation for code.
* Used **Source Tree, Bit Bucket** and **Bamboo** for Code repository and automated builds.
* Developed code for submitting data to **Google** **Analytics** to track user behavior and timing purpose.
* Secured enrollment page with Invisible **Google** **re-Captcha** **V2**.
* Developed and easy **installshield** application to deploy the desktop application on Clients Machine
* Currently working on an easy updater project where the software updates are installed on client’s machine silently.

**Environment:** Visual Studio.NET 2017, .Net Framework 4.6, MVC4, Web API 2.0, CSS3, JQuery, Angular 4, XSLT, Ajax, LINQ, SQL Server 2016, HTML, JavaScript, JSON, Redis, Salesforce, SQL 2008, IIS 7.5.

**Client : DXC Technologies**

**Duration : June 16 – Dec 18**

**Location : Tallahassee, FL**

**Project Name : Medicare**

**Responsibilities:**

* Involved in complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Built **N-tier** architecture for presentation layer, the Business and Data Access Layers and were coded using C# implementing **SOLID** principles. Developed application logic using C#.
* Worked on using **Microsoft Team Foundation server** for source repository and version control.
* Worked on **C#, .NET, MVC, AngularJS, and HTML5** for developing various enterprise level application tabs.
* Used Entity framework **Schema first** to improve the overall performance of the application.
* Used **SQL profiler** for **SQL performance tuning** and created required **non-clustered indexes** and Common table expression (CTE) for querying data.
* Connected Web API to Angular using Http Call and designed GET, POST, PUT, DELETE for Web API.
* Implemented Server-side validation for **Web API**
* Utilized **T-SQL** on a daily basis in creating customs view for data and business analysis.
* Created **WCF SOAP, WCF REST** Services and also used different bindings to make it available to different types of clients.
* Maintained third party application called as **OnBase** for archiving reports and retrieving them
* Designed and implemented Letter Generator application using **LINQ to SQL** and **LINQ to XML**
* Experience in using **LINQ** query to retrieve data from different data sources like objects, XML and SQL.
* Developed multiple **Windows services** to cut down manual work which increased system efficiency by 70%
* Developed a **windows service** which can log all the important information regarding file tracking in SQL server 2016 and shows up the logs on a website by consuming **WCF services** by using file watcher and background worker components.
* Created multiple **unit test** cases ensuring all the methods comply with business logic where needed
* Involved in Migrating an On-premises **virtual machine** to **Azure Resource Manager** Subscription with Azure Site Recovery.
* Configured and deployed **Azure Automation Scripts** for application utilizing the Azure stack (Including Compute, Blobs, ADF, Resource Groups, Cloud Services, and ARM), Services and Utilities focusing on Automation.
* Configured **IIS server** to host **FTP websites** and **web services** and promoted code to production servers.
* Maintained nearly 13 Production servers on weekly basis as **on call** **duties** being available 24 X 7 for the week and debugged more than 40 Level 1 Production issues before SLA time.

**Environment**: Visual Studio.NET 2010, .Net Framework 4.0, MVC4, C#, ADO.NET, CSS3, ASP.NET, JQuery, AngularJS (1.4), Ajax, LINQ, SQL Server 2016, HTML, JavaScript**,** Web Services, XML, JSON, Web API, SQL 2008, IIS 7.5.

**Client : CVS**

**Duration : Jan 15 – June 16**

**Location : Greensboro, NC**

**Project Name : Inventory Tracker**

**Responsibilities:**

* Interacted with the client end-users during requirements gathering sessions.
* Migrated FoxPro tables to MS Sql server
* Implemented normalization on MS Sql tables
* Worked on proven design pattern, designed and created views, controllers and models using **ASP.NET,** **ASP.NET MVC 5.0**, **RazorViews**, **C#** within **MS Visual Studio 2015**
* Worked on using **Microsoft Team Foundation Server** for source repository and version control.
* Worked on creating **EDMX** and reading the data from Entities and updating entities
* Used **AngularJS** for Navigation, and to produce rich user interface.
* Used **Font Awesome,** and **Bootstrap**
* Used **CSS LESS**
* Designed **database structure**-based requirement.
* Created **unit testing** for the repository classes.
* Experience on using Data Access Application Block to connect Application to Database.
* Involved in **Agile** methodology and **SCRUM** framework for rapid development.
* Created design documents and user manuals for the application.
* Created technical specification documents and gave production support during release time.
* Deployed and maintained applications running at **IIS**.

**Environment:** Visual Studio 2015, ASP.Net 4.6.1, ASP.NET MVC 5, C# .NET, Entity Framework 6.0, log4net, Bootstrap, Font Awesome, AngularJS, Telerik Framework, CSS LESS, MS Sql Server 2014, MVC design pattern and IIS.

Client **: 4c solutions**

**Duration : May 13 – Dec 14**

**Location : Hyderabad, India**

**Project Name : Client list segmentation tool**

**Responsibilities:**

* Interacted with the client end-users during requirements gathering sessions.
* Worked on proven design pattern, designed and created views, controllers and models using **ASP.NET,** **ASP.NET MVC 4.0**, **C#** within **MS Visual Studio 2013**
* Worked on using **Microsoft Team Foundation Server** for source repository and version control.
* Worked on creating **EDMX** and reading the data from Entities and updating entities
* Consumed **WCF** services to get policy information for a user.
* Experience on using Data Access Application Block to connect Application to Database.
* Created design documents and user manuals for the application.
* Created technical specification documents and gave production support during release time.
* Deployed and maintained applications running at **IIS**.
* Added the application on **Build Server**.
* Used **WCF Rest Service and Web API** to get the policy information.
* Used NUnit for unit testing.

**Environment:** Visual Studio 2013/12, ASP.Net 4.5.1, C# .NET, wcf Rest Service, Entity Framework 6.0, Bootstrap, Web API, ASP.NET MVC 4, JQUERY, Sql Server 2012, MVC design pattern and IIS.