Baljinder Singh

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**Summary:**

Over 12 years of strong experience as a Full Stack Software Professional with hands-on experience in System Analysis, Design, Development, and Deployment of various enterprise wide applications and products using different Microsoft technologies, includes Client/Server and Web based applications.

* Working and practicing Agile Methodologies and Scrum.
* Over 5 years' experience with **Sitecore 7.2,8.2, 9.3**
* Successfully lead the Sitecore upgrade from 8.2 to 9.3
* Well versed with **GlassMapper, TDS, Unicorn**
* Highly efficient in using **Microsoft .Net** Technologies
* Strong experience in Object Oriented Analysis and Object Oriented Design.
* Proficient in the development of Enterprise wide applications using C#.Net, ASP.Net, MVC Framework, MS SQL, JavaScript, JQuery, AngularJS, Bootstrap, Foundation, HTML.
* Well versed with **Web API** standards and authentication
* Love learning new technologies, proficient in **Angularjs**, Single Page Application (SPA)
* Excellent Team player with strong problem solving and troubleshooting skills and also lead the team in successful completion of developing enterprise web applications.
* Experience using **Sitefinity CMS**
* Experienced using Entity Framework ORM tool.
* Proven track record in designing and developing data access layers using ADO.Net, Linq and MS SQL 2000, 2005, 2008.
* Experience in Production Support.

**Professional Experience:**

**CBRE, Dallas TX June 2018 – Current**

**Sr Sitecore Developer**

**Project Description**

CBRE is a commercial real estate services and investment firm having global presence. Developing and maintaining new features of the company website, extensively using MVC, Sitecore, Bootstrap, jQuery while adhering to the SOLID, Helix and DRY principles.

**Responsibilities**

* Participate in internal and customer meetings assisting with the ongoing evolution of technology offerings.
* **Lead the Sitecore upgrade from version 8.2 to 9.3**
* Worked on Migrating the code, upgrading the dlls and third party libraries like TDS and **Glassmapper**
* **Unicorn** and **TDS** implementation.
* Upgraded **Sitecore MediaFramework** to be compatible with Sitecore 9.3
* Refactoring code adhering to Helix principles
* Implemented **Solr** search.
* Implemented and upgraded to **Coveo** 5
* Implemented web apps infrastructure in a Azure environment.
* Setup **CI/CD pipelines** in Azure DevOps and defining policies
* Created and implemented branching strategy, which resulted in quicker releases
* Implementation of external SPA applications built on Angular, React with Sitecore
* Working on overall development of application as per requirements using MVC, Sitecore, jQuery.
* Create customizable Sitecore renderings, responsive views for the content authoring team
* Maintaining and refactoring the existing code to the best practices
* Mentoring the QA automation team using C# selenium
* Refactoring the automation framework to be more flexible and configurable, which provided better test coverage

**Technical Details**

Application Development: C#, .Net, SiteCore 8.2, 9.3 JQuery, SASS, Unicorn, TDS, Glassmapper

Tools: Visual Studio 2017, SQL Server 2012

Methodology: Agile Methodology

Source Control: VSTS

**Nerium International, Addison TX April 2017 – June 2018**

**Senior Application Developer**

**Project Description**

Nerium International is a direct sales company Headquartered in Addison, Texas. Nerium is having business USA, Canada, Mexico, Colombia, Australia, New Zealand and Korea. Develop and launch e-commerce & commission/affiliation platform by following Agile Methodology.

**Responsibilities**

* Worked in a team responsible for moving the legacy code into the new code, which is driven off the database configuration.
* Wrote custom data annotations which can be translated / configured from database.
* Wrote Html helpers to make reusable components and remove the repetitive tags in razor syntax making the code more readable and less prone to errors.
* Implemented strongly typed AngularJs which considerably reduced the development time and typo errors.
* Wrote custom AngularJs directives for validating custom data annotations, created reusable components as per requirements.
* Implemented the Strategy Design pattern for validation/promotions based on customers type/ country
* Providing guidance to the Selenium QA Automation team on ways to improve test and code scalability.
* Introduced Katalon Studio (QA Automation Tool) which made it highly efficient to create and maintain test cases
* Implemented Adobe Analytics
* Worked on various country launches and implemented business rules specific to the country

**Technical Details**

Application Development: C#, .Net, AngularJS, JQuery, Foundation, SASS, WestWind

Tools: Visual Studio 2017, SQL Server 2012

Methodology: Scaled Agile Methodology

Source Control: VSTS

**Varidesk, Coppell TX September 2016 – January 2017**

**.Net Developer**

**Project Description**

Varidesk is an adjustable-height standing desk that allows you to easily switch between standing and sitting while working. As a full Stack developer worked on the redesign of the corporate client website using agile methodology

**Responsibilities**

* Working in overall development of the application based on the requirements
* Creating custom **cms** widgets using **sitefinity** for the content team so it can customized.
* Redesign the entire client facing corporate website with the new mockups.
* Create new feature and requirements with the existing website as needed.
* Collecting user data and syncing them with the third party tool

**Technical Details**

Application Development: C#, .Net, Sitefinity, JQuery, Bootstrap, Less

Tools: Visual Studio 2015, SQL Server 2012

Methodology: Agile Methodology

Source Control: TFS

**Nerium International, Addison TX September 2015 – September 2016**

**Application Developer**

**Project Description**

Nerium International is a direct sales company Headquartered in Addison, Texas. Nerium is having business USA, Canada, Mexico, Colombia, Australia, New Zealand and Korea. Develop and launch e-commerce & commission/affiliation platform by following Agile Methodology.

**Responsibilities**

* Working in overall development of the application based on the requirements
* Took ownership for the development of configuration module used across for rendering page based on the configuration.
* Developed a form fill chrome extension for Developers and QA which reduced time for routine testing
* Collecting the user behavior data for Adobe Analytics.
* Collecting and processing user data and syncing it with Web Service for marketing team.
* Working with the Core team for writing custom AngularJs directives.
* Writing Sql Stored Procedures to Interact with the database and flatten the data as per requirement.
* Creating and updating **Sitecore cms** packages, renderings as per requirements
* Modified the existing Deployment task which considerable reduced the build time
* Working closely with other team members in an agile environment

**Technical Details**

Application Development: C#, .Net, Sitecore, AngularJS, JQuery, Foundation, SASS

Tools: Visual Studio 2013, SQL Server 2012, Compass

Methodology: Scaled Agile Methodology

Source Control: GIT

**RailcarRx, Irving TX June 2014 – September 2015**

**Sr. Net Developer**

**Project Description**

RailcarRx – RailcarRx is a cloud based Railcar Software solution for managing the end-to-end operations of railcar repair facilities. It is designed to improve the efficiency and management of everyday operations such as Railcar’s workflow from arrival in the repair shop to the disposition. It can also be integrated with the suppliers’ and customers’ management systems. The mobile-based RailcarRx Application allows the user to access the information on the server through a portable device. This workflow includes management, tracking, inventory, reporting, and railcar disposition

**Responsibilities**

* Implemented overall development of the application based on the requirements which is relational to User Interface of the Cloud based product
* Designed and developed business components using C#.
* Designed and developed Restful services using MVC WebAPI with Entity Framework.
* Developed and consumed ASP.Net web services and WCF Services to achieve Service Oriented Architecture (SOA) and communication between heterogeneous applications.
* Seamlessly connect backend database, agnostic to customer environment
* Developed User Interface along with application logic
* Lead client-side/front-end developer/architect for a lighter version of RailcarRx app. The application being developed is a **Single Page Application** (SPA) based on **MVC WebApi**, Sql Server, **AngularJs**, Grunt and **Bootstrap** using Responsive Web Design.
* Sole Developer/Architect for the hybrid iOS app. The iOS app is based on **PhoneGap**, **AngularJs**, **Ionic Framework** & **Grunt**. Our iOS app went live in the Apple store in June 2014
* Consumed Web Services for displaying the records in the application data.
* Implemented overall development of the application based on the requirements.
* Analyzed various AngularJS directives to implement better application functionality and performance.
* Wrote stored procedures for data manipulations
* Involved in maintenance process to fix the bugs in the code.
* Performed testing of the application on emulators and actual devices along with manual testing.
* Performed code reviews and lead the team of junior developers both onsite and offshore.
* Conducted training sessions for **AngularJs**
* Responsible for creating the User documentation for the application.

**Technical Details**

Application Development: AngularJS, PhoneGap / Cordova

Methodology: Agile Methodology

Technology: HTML5, CSS, JavaScript, Less

Frameworks: Ionic, Bootstrap

Others: Consuming Web Services, Ionic View.

Source Control: Team Foundation Server (TFS)

**Primus Global Services, Irving TX**

**Sr. .Net Developer**

**April 2010 – March 2014**

Worked on multiple projects pertaining to rail industry and have worked on different modules of the application based on the requirements. Main responsibilities included designing, developing and testing components and services using .net, was responsible for creating client user interface, performing code reviews of other developers for correctness and performance. Tracking defects and assigning them to the appropriate team.

**Responsibilities**

* Developed custom controls dropdowns using C# for Districts, Centers, Team Coaches, Observers and Representatives, which are used throughout the application. The data is retrieved based on security access of the user.
* Designed the Rich UI layer, Business layer, Data access layer using **C#** and Linq to SQL.
* Designed and guide developers in developing the observations screens, appraisals screens, meeting screens as a rich client user interface controls and Ajax tool kit.
* Designed SSIS packages to pull the information from sales team feeds which is used in calculating appraisals and also packages to load the latest hierarchy daily into the system.
* Created SQL jobs to sent reports on daily and weekly basis to the requested clients.
* Optimized the performance of the stored procedures. Wrote tuned complex SQL queries.
* Deploying and setting up the production environment.
* Performing Code Review.
* Tracking defects and assigning them to the team for prompt fixing.

#### Environment

.Net Framework 3.5, C#, SQL Server 2008, Ajax, VSS, Entity Framework, SSRS, Ajax tool kit, JSON

**Digital Solutions Pvt. Limited, India (2008 – 2010)**

**Chandigarh, India**

**ASP.Net Developer**

* Creating **Web Forms** using ASP.NET, VB.NET, HTML, and JavaScript. Developing User Controls and Custom Controls.
* Coding the application in multiple layers to make the application loosely coupled.
* Developed application to support both SQL Server and MySQL
* Used Infragistics controls like Infragistics grid, Infragistics Datepicker
* Creating business components and data access layers using ADO.NET and VB.NET
* Created Stored Procedures for Interaction with database using T-SQL in SQL Server 2005
* Unit Testing/Integration Testing
* Production support.

**Technical Skills:**

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| **Web Development/Technologies** | .Net Framework 4.0,3.0, 2.0 and 1.1, ASP, ASP.Net 2.0/3.0/4.0, HTML, DHTML, XML, XSL, CSS, XML Web services, Ajax, JSON, WCF WPF, SOAP, WSDL, REST, MVC Framework, JQuery, SiteCore, Sitecore. |
| **Languages** | C#.Net, VB.Net, Visual Basic 6.0, T-SQL |
| **Scripting Languages** | JavaScript, VBScript |
| **RDBMS & Data Access Technology** | MS SQL 2005, 2008 and 2012, MS Access, MySQL 4.1, SSIS, ADO.Net, ADO, Entity Framework, Linq. |
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| **IDE/Repository** | Visual Studio. Net, Visual Interdev, MS Visual Source Safe, TFS, GitHub |
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