**Nirav A.**

**Phone: 513-729-7893**

**Email: aro.nirav@gmail.com**

**Professional Summary:**

Proficient **8+ years** of experience in Client /Server, Web Applications, Mobile Applications and Windows applications using Microsoft Technologies and **C#.NET** framework.

* Experience in entire **Software Development Lifecycle(SDLC),** including version control, builds process, testing, Deployment and code release.
* Performed a wide variety of programming assignments of newly developed software applications, enhancements to existing applications, and other revisions to the product.
* Expertise in .NET framework with great proficiency in creating applications using **ASP.NET, C#.NET, ASP.NET MVC, LINQ, ADO.NET, SQL Server.**
* Expertise in Object Oriented Design and Programming using technologies like Visual Studio 2015, Visual Studio 2010, Visual Studio **.Net, Visual Basic, ADO.NET, SQL** Server for web development.
* Designing and developing rich application for Windows (WPF, Win forms) and web(Silverlight).
* Expertise in working with **ADO.NET** components such as **Dataset, Data Adapter and Data Reader.**
* Working knowledge on **Model View Controller** (MVC) Pattern, Entity Framework, JavaScript and **Angular** JS.
* Worked and involved in deployment of core platform technologies, techniques, and web app frameworks such as **Sencha (Ext JS, Touch), spring, JBOSS, Tomcat, JSON, XML, HTML5, and Web Services. t JS, Touch), spring, JBOSS, Tomcat, JSON, XML, HTML5, and Web Services**.
* Hands-on experience with **HTML-5 and CSS-3.**
* Developed the knockout.js dynamic grid for data entry of oil vouchers using **MVVM** pattern.
* Created Grid based Dynamic Reports using **jQuery**, **Knockout.js** and **Grid MVC.**
* Experience in writing modular, **Re-usable custom Ext JS components**.
* Experience in **Sencha SASS** for custom theming of the applications.
* Experience in producing custom **Ext JS** builds for deploying to higher environments.
* Good experience in **JavaScript MVC using Ext JS.** Proficient in programming languages such as **ASP.net, HTML5and JavaScript.**
* Extensive experience in working with **Cascading Style Sheets (CSS).**
* Experience in using **ASP.NET AJAX framework** for quickly creating efficient and interactive Web applications that work across all popular browsers.
* Well versed with engineering several new vertical-market business modules to enhance the present website service offerings to their customers using a combination of technologies in the **.NET framework with ASP.NET and ADO.NET.**
* Experience consuming Restful web services with **JavaScript Object Notation (JSON)** along with strong analytical and problem-solving skills.
* Worked on **SOLID Design Principles Refactoring to SRP and OCP** compliance Abstraction Interchangeability for Polymorphism Compliance – **LSP Interface Refactoring – ISP Dependency Management through Abstractions – DIP**
* Extensive experience of working in Test driven development **(TDD)** and agile development environment.
* Experience in using **Windows Communication Foundation** (WCF) in the project for communicating and providing real time data from integrated server to Client application.
* Created **Restful** API with using **Web** API.
* Experience in maintaining automation framework and **PowerShell** as Scripting Language.
* Extensive working experience in **database** **development**, for creating complex database queries, writing Constraints, Indexes, Views, **Stored Procedures** and **Functions** using T-SQL and PL/SQL in SQL Server […] **Oracle** **11g**/**10g**.
* Experience in **MS** **SQL** 2005/2008/2012/2014, **Oracle**, and MS-Access database programming using PL/SQL, Constraints, Indexes, Views, Stored Procedures, Packages, Cursors, Triggers and User Defined Functions.
* Used **Entity** **Framework** 6.0 and made **LINQ** queries to connect to the **database** and implemented **CRUD functionality** with Database First approach.
* Great Experience in creating application using **WPF** design patterns.
* Used **Team Foundation Server (TFS), GIT, SVN** and Visual Source Safe 6.0 for Version Control.
* Good experience in **Service Oriented Architecture (SOA)** with a thorough understanding of **WCF**, **SOAP**.
* Knowledge in creating **Single Page Application (SPA)** using **Angular 5**.
* Worked and involved in deployment of core platform technologies, techniques, and web app frameworks such as Sencha (**Ext JS**, Touch), spring, **JBOSS, Tomcat, JSON, XML, HTML5, and Web Services and Ext JS framework.**
* Experience Working with **JavaScript,** and **Ext JS framework.**
* Proficient in using **Informatica** Workflow manager, Workflow monitor, pmcmd (**Informatica** command line utility) to create schedule and control Workflows, tasks and sessions.
* Modified open-ssh server authentication procedure and developed **PAM** module for **Linux** Servers as part of custom ssh
* Has Excellent communication and interpersonal skills that contribute to timely completion of project deliverables.
* Strong **Angular 5** using Typescript Developer with Production deployed code experience
* Knowledge of best practices per official **Angular 5** Style Guide

**Technical Skills:**

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| --- | --- |
| Programming | C#.NET, VB.NET, ASP.Net, Classic ASP, C, C++, XML, LINQ-XML, XSLT, VB 6.0, T-SQL, PL/SQL, Web API, WPF, WCF |
| Platforms | Microsoft .NET Framework 4.0/3.5/2.0/1.1/1.0, ADO.NET object model, ASP.NET 4.0/3.5/2.0/1.1, ASP 3.0 (Classic ASP), AJAX, HTML, MS Build, DTS, Microsoft Enterprise Library, Workflow Foundation, Web Services, WCF, SSIS, Web API, WCF |
| Web Technologies | ASP.NET MVC, ASP.NET Web Forms, AJAX, WCF Web Services, REST API Service, Web API, WCF |
| Database | SQL Server 2008/2005/2000(T-SQL), Oracle 10g/9i/8i (PL/SQL), MS Access |
| Development Tools | Visual Studio 2012/2010/ 2008/2005, MS-Visio, TFS, Web API, WCF |
| Protocols | SOAP, SSL, FTP, TCP/IP, HTTP, SMPT |
| Reporting Services | Crystal Reports, SQL Server Reporting Services(SSRS), |
| Enterprise Servers | IIS Server, Content Management Server |
| Operating Systems | Windows 7/XP/2000/NT/ME/98/2003, Vista, Unix |
| Design concepts | Design patterns, UML |

**WORK EXPERIENCE**

**Herc Rentals, Bonita Springs, FL April 2017 – Till Date Role: Software Developer (Angular 5/.Net)**

**Description:**  Herc Rentals is a premier full-line equipment-rental company — providing our customers the equipment solutions they need to get their work done safely, confidently and cost effectively, while enabling them to conserve capital for their growth investments.

**Responsibilities:**

* Extensively used **LINQ** to Objects to query the in-memory collection of objects.
* Written Unit Tests using .NET Test Projects to perform Unit Testing and integration testing.
* Used **ASP.NET AJAX** Toolkit controls like Script Manager, Update Panel within web page.
* Utilized ASP.NET Input Validation controls and JavaScript to perform client-side validation.
* Created web services using Windows Communication Foundation (**WCF**).
* Used the **ADO.Net SQL** Client Objects like **SQL Connection, SQL Command, SQL Data Reader** and SQL Data Adapter and **Data-Set** object in the Data Access Layer to fetch the data from the SQL Server database.
* Actively participated in all the phases of the **System Development Life Cycle (SDLC).**
* Utilized core **Angular 5** features such as HTTP, Data Binding, Forms, Services and Dependency Injection.
* Implemented full featured front end application using **Angular 5**, TypeScript and jQuery
* Participated in the High-level and low-level system design, planning, estimation and implementation.
* Developing UI screens and business logic using **ASP.Net and C#.**
* Incorporated **Angular 4** Materials as well as other third-party UI component library modules.
* Extracted data from **Teradata**, **Oracle** and Flat Files using Informatica **PowerCenter** 9.6 and loaded into **Teradata**.
* Used Bulk Collections for better performance and easy retrieval of data, by reducing context switching between **SQL** and **PL**/**SQL** engines.
* Developed Quality Management Team Site using **SharePoint 2016(O365)** with UI based views for Associates and Team Managers.
* Used MVVM, Unity, Factory, Abstract Factory, Singleton, **MVP and MVC** design patterns.
* Used **LINQ** to aggregate data from repository layers.
* Utilized Master pages, Themes, Navigation controls, Authentication to design secure web pages using **ASP.NET MVC** and built highly responsive and interactive AJAX -enabled Web applications using **AJAX Tool kit**.
* Experience in using interactive user experiences for Web Application.
* Installed **BizTalk** 2013 into multi-box server farms for **DEV, UAT, PROD and DR** environments.
* Assisted IT department with architecture, development and deployment of **BizTalk and .NET C#** applications. Utilized MS SQL Server, **SOAP**, File, and Oracle BizTalk adapters.
* Extensively worked on Requirement analysis of the system, database design and technical architecture for the processes, coding and testing user interface. Expertise in **MVC3, ASP.NET, C#.NET, ADO.NET, Angular 5, XML.**
* Worked with **Teradata** and **Oracle** **11g Databases**.
* Developed **Web** **Services**, WCF using **C#,** **VB.Net** and **LINQ**.
* Involved in testing **PowerShell** Scripts using **Integration** **tests** and **Unit** **tests**.
* Used Sub Version(**SVN**) and **GIT** as version control and for managing source code changes.
* Developed several hundred **Ext** **JS** classes and trained team members.
* Utilized **Ext JS** 3.4 / 6.0.2, **MVVM, Sencha CMD, jQuery** and HTML5 in a mixed Windows and Mac environment.

**Environment:** Visual Studio 2017, SQL Server 2016, ECMA Script 6/7 oracle 11g, ASP.Net 4.0, C#, Vb.Net, ADO.Net, SharePoint 2016, Microsoft Azure, ReactJS, Web Services, WCF, Fiddler, SQL Profiler Tool, IIS 10.0, Teradata, Angular 4, Angular 5 JavaScript, jQuery, WPF, WCF, XML, AJAX, GitHub, SVN, HTML 5, and CSS.

**Client: Delta Dental, Chicago, IL Jan 2016 – March 2017  
Role: Full Stack Developer (Angular 2/C#)**

**Description:** Delta Dental is a medical company, which provide dental and vision coverage to patients. Project was to create a web application with web pages including Patient login, user accounts and portfolio, Staff login, Patient info, patient appointment, list of doctors.

**Responsibilities:**

* Followed the standard for **Software Development Life** Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Actively participated in **Scrum** **meetings** of the project implemented in **agile** **methodology**.
* Developed and supported the application using ASP.NET **MVC 4.0** with **Razor** syntax, **C#.NET**, **AJAX**, **jQuery**, **JSON**, **HTML**, **JavaScript**, **Bootstrap** and **CSS**.
* Worked on enhancing and maintaining the applications as per the business need needed.
* Independently worked on developing document handler using the **HTML5**.
* Used Microsoft **Entity Framework** Code First approach for the Data Access Layer for ASP.NET, **MVC4** application.
* Authorization and authentication standards and protocols experience.
* Developed Business Logic layer by implementing OOPs features like Inheritance, Polymorphism, Abstraction and Encapsulation in **VB.NET**.
* Worked with the features of **Angular 2** and above such as directives, modules and routing etc
* Developed an integrator layer for **win forms** and pdf documents using Tall components.
* Analysed and designed new **Win Forms** application using **MVP** and Factory pattern, from design to completion.
* Involved in enhancing the application for client’s requirement based on demand using the **MVC** pattern, **J Query, Bootstrap**, and **Web API** and SPA Application using **Angular 2**.
* Involved in creating web pages using **Angular 2**, **JavaScript**, **jQuery**, **HTML** 5.0 and **CSS**.
* Created the Editor and Display templates for **MVC** controls.
* Consumed **Azure** web services and managed deployment through **cloud** platform.
* Used Master Pages, shared layouts, CSS & Themes for the consistent look of the application.
* Created View models to encapsulate all models and classes used on the different views for a more organized, structured, and clean code.
* Improved user experience using **jQuery**. Used **jQuery** event handling mechanism to dynamically assign events on web controls.
* Involved in prioritizing the issues and identifying the root cause analysis and bug fixes.
* Designed, Developed and tested packages to extract, transform and load data using SQL Server Integration Services (**SSIS**).
* Developing the web page using JavaScript, HTML, Bootstrap as well as Knockout JS.
* Design and working knowledge of Server controls User controls, **Master Pages**, **Security**, **Web Services**, XML, **Win forms** and **UI** development, Microsoft Development Environment.
* Developed advanced **ETL** import packages using **SSIS**, **T-SQL** to transform and import raw index data into database tables.
* Processed data from flat files excel files, .csv files into proprietary hierarchical data structure system through **SSIS** packages and custom procedures.
* Provided efficient error handling to the **SSIS packages**.
* Design and development of rich GUI using **HTML 5**, **CSS**, **Angular 2**, **Knockout JS** and **BOOTSTRAP**.
* Designed and developed **MS SQL** Server Reporting Services (**SSRS**) under SQL Server 2014.
* Experience with SQL Server Reporting Services (**SSRS**) to author, manage, and deliver both paper-based and interactive Web-based reports.
* Involved in migration of **SSRS** from SQL 2008 to SQL 2014.
* Developed the procedural code using **ASP.NET, VB.NET-L3, HTML5, Ajax** and **JavaScript** using Visual Studio.
* Involved in writing **SQL Statements**, Views and Stored Procedures, Indexes to validate data and ensure system integrity and security Written **LINQ** functions for data access.
* Developed **test-driven development** (TDD) strategy guiding use of the N-unit testing framework.
* Used Team Foundation Server 2015 (**TFS 2015**) for continuous integration and version control.
* Used **Fiddler** to **debug** web **request** and **responses** to solve user issues on the client side.
* Reviewed code to ensure that all the Processes and Standards are being ensured that correct implementation of requirements, coding standard, project architecture, efficient code writing techniques.

**Environment**: C#, ASP.NET, TDD, .Net Framework 4.5/4.0, SQL 2014, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), VB.NET 6.0, Visual Studio2015, AZURE, Knockout Js, Telerik Rad Controls, MVC, SOAP Web services, VB Scripting-L1, XML, OOP, WPF, WCF, REST, HTML 5, Web API, L1/ L2/ L3 Support, N-Tier Architecture, Agile, SCRUM, Angular 2, TFS 2015

**Client: Sun Trust Bank, Atlanta, GA Feb 2014 – Dec 2015**

**Role: .Net Developer**

**Description:** SunTrust Banks, Inc. is an American bank holding company. Net Access system provides various account maintenance features like account inquiry, account updates, fund transfers, bill payment and Customer Service functions to the existing Customers of the bank over the web. The website also enables prospective Customers to complete online account applications with real time decision. Customers will know if they were approved by both an email and in real time via their browser. Once an account has been established the customer will be able to review the status of their accounts and initiate bill payments online and/or transfer funds from one account to another.

**Responsibilities:**

* Went through the total project development life cycle and have a clear understanding of various tiers as the project was a multi-tier application.
* Coordinated with various groups of the client to gather business and system requirements.
* Involved in application design based on **MVC** 3, Factory **Design Pattern** and **OOPS**.
* Used **JavaScript** for client-side validations, Used **VSS** for version control during development.
* Manage the back-end connection to Microsoft SQL as the data source using **ADO.Net** and write SQL queries, **stored procedures** and **triggers** to manage data.
* Developed front-end components using HTML5/CSS3, **AngularJS** and Bootstrap based on MVC architecture pattern.
* Experience in **AngularJS** for creating controllers, directives, services and factories in the front-end development.
* Created clustered and non-clustered index to aid faster retrieval of data.
* Utilized **Entity Framework** technology extensively for data retrieving, querying, storage and manipulation using **LINQ** Statements, views, User Defined Functions, Stored Procedures for creating/inserting/updating/deleting the data into the relational tables.
* Developed Web Service for retrieving Employee Data (based on **XML**, **WSDL**, and **SOAP**).
* Worked extensively on the UI, created views by utilizing **MVC3**, and created view models.
* Consumed Web Services using **WCF** for online transactions using **C#** and exposed them through **SOAP** and **HTTP**.
* Developed and tested an application using **JavaScript** and **VB.NET-L3**.
* Used **SSIS** to fetch the data for daily, weekly, hourly and monthly imports.
* Responsible for creating complex **SSRS** Reports based on client specifications.
* Used Visual Studio for compiling and debugging.
* Utilized current and upcoming industry trends and practices to create **Sitecore** CMS websites.
* Used **NHibernate**, **WPF** to communicate between DAL and other business components.
* Involved in creating, deploying and managing reports using **SSRS**.
* Created **T-SQL** and PL/SQL Store Procedures, Views and User Defined Functions for fetching relevant data to UI for different VP Reports and Divisional Reports.
* Have done data model principles, fit-gap analysis, prototyping, development, implementation, maintenance and support during the product design and development.

**Environment**: C#, ASP.Net 3.5, MVC 3.0, ADO. Net, VB.NET, WCF, LINQ, UML, SQL Server 2014, JavaScript, T-SQL, PL/SQL, SOA, Crystal Reports, Visual Source Safe, SSSRS, SSIS, Knockout Js, XML-L2, XAML, XSLT, VSS, N-unit testing, Visual Studio 2013.

**Client: Baroda city co-op bank, Gujarat, India Jan 2012 – September 2013 Role: .Net Developer**

**Description:** The Baroda City Co-Operative Bank Ltd, Established in the year 1927, popularly known as "BCCB” BANK & started its banking activity. Expansion accelerated & created a group of 8 branches, all are operating with Core Banking Solution.

**Responsibilities:**

* Performed Client side and server-side validations using **C#.NET** and Validation Controls in **ASP.NET**.
* Manage the back-.Net and write **SQL** queries, stored procedures and triggers to manage data.
* Utilized **ADO.Net** Entity Framework technology extensively for data retrieving, querying, storage and manipulation using LINQ
* Used **ADO.NET** objects such as **Data Reader, Data Adapter and Data Set** to fetch and handle user data.
* Developed application using **ASP.NET MVC 4** to enable the full control over the rendered HTML and jQuery for client-side scripting.
* Designed and developed Electronic Data Interchange Services.
* Global **EDI** application was set up to interchange EDI transactions worldwide (Japan, Europe and America ports).
* **Data Grids, Data Views, and Datasets** were used to display Reports which were generated using stored procedures.
* Used **TFS and GIT** for source code maintenance.
* Developed application using **.Net, C#, Win Services, Console applications,** WCF Service, **LINQ, ASP.Net MVC,** Entity Framework, Batch jobs, Win Forms, SQL Server,
* Tracked progress through version one and communicated via Rational and TFS.
* Implemented **CRUD** functionality with Entity framework in **ASP.NET MVC** and implemented sorting, filtering and paging with Entity framework in MVC.
* Worked on Remediation of few web service calls of LSAS to use RESTful Web Service as an enhancement instead of using old **SQL stored procedures**.
* Involved in creating drill down, drill through and linked reports using SSRS (SQL Server Reporting Services). Development of web forms using C#.
* Worked on **POC** for Offline Compatibility using Smart Sync.
* Developed the independent **WCF** (Windows Communication Foundation) services and defined Service Contracts for specific functionality in project search module in C# as well.
* Used stored procedures, **SQL queries Views** for retrieving the user details and events information from SQL Database.
* Generated Crystal Reports for Job Allocation Purpose.
* Used **SSIS and SSRS** for reporting, data integration and data transfers
* Acted as a Scrum Master Following Scrum Methodology for 6 months

**Environment:** Visual Studio 2005, ASP.NET, .NET Framework 3.0, WCF, ADO.NET, SQL Server2005, CSS, JavaScript, XML, AJAX,IIS 6.0.

**Client: Rishabh Software, Gujarat, India June 2009 – Dec 2011**

**Role: SQL Developer**

**Description:** Rishabh Software is a CMMI Level-3 company that provides web, mobile and cloud development services, business process services and engineering services.

**Responsibilities:**

* Created the maintenance plans for optimization and integrity check. Experienced in creating SQL JOBS and scheduling and set alerts.
* Installed **SQL 2014/2012/2008R2 SQL** server Database engine, **SSIS & SSRS** features in the Development environment as needed.
* Performed data analysis primarily Identifying data sets, source data, source meta data, data definitions and data formats.
* Design and develop T-SQL procedures, query performance tunings.
* Expertise in Database creation **(DDL, DML)**, performance planning, backup planning and database administration.
* Created core tables and worked with stored procedures.
* Worked with triggers to send a message to a contact at specific time. Gathered the information necessary.
* Data migration from text to **SQL Server.**
* Developed administrative tasks of SQL server of performing daily backups and recovery procedures.
* Worked on procedures using Oracle tools like **PL/SQL, TOAD.** Written Stored Procedures using PL/SQL
* Worked on SQL developments like modifying SQL stored procedures to accommodate the changes suggested by Business.
* Experience in **Extracting, Transforming and Loading (ETL)** data from Excel, Flat file, Oracle to MS SQL Server by using BCP utility, DTS and SSIS services.
* Involved in Normalization of the database and bringing it to 3NF.
* Expertise in SQL Server Reporting Services **(SSRS)**, Created Tabular, Matrix, Drill Down, Bar Chart, Pie Chart reports to analyze critical data in SSRS.
* Performed Index analysis in OLAP environment and provide advices for how to optimize current database performance by create or edit clustered and non-clustered Indexes
* Extracting and Loading data into SQL Server Database using SSIS.
* Developed ETL packages with different data sources **(SQL Server, Flat Files, Excel source files etc.)** and loaded the data into target tables by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Managed connection string for Azure SQL database on Azure portal, allow access to Azure SQL database from local SQL Server Management Studio.
* Designed score cards utilizing Power BI Desktop and SSRS and suggested on the best approaches.

**Environment:** Windows 2003/2007, MS SQL Server 2005/2008, ASP.Net, C#, WCF, HTML, XML, CSS, .Net, MVVM, VB.NET, AJAX Toolkit, AGILE, WCF Services, PL/SQL, TSQL, ADO.NET