**Nirav A.**

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**Professional Summary:**

Proficient **7+ 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**.
* Knowledge of **java**, **j2ee**, **apache, tomcat**.
* 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 **databasedevelopment**, for creating complex database queries, writing Constraints, Indexes, Views, **Stored Procedures** and **Functions** using T-SQL and PL/SQL in SQL Server […] **Oracle11g**/**10g**.
* Experience in **MSSQL** 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 **EntityFramework** 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 **AngularJS**.
* 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.

**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, java |
| 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, apache, tomcat |
| 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 DateRole: Sr .Net Developer**

**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**).
* **XSLT development:** Created XSLT templates that generated search tables for Web presentation
* 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).**
* 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#.**
* Created **Restful** API with using Web API.
* Used SQL Profiler for troubleshooting, monitoring, and optimization of SQL Server and non-production database code as well as **T-SQL**.
* 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.
* 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 Js, XML.**
* Worked with **Teradata** and**Oracle11g Databases**.
* Developed **WebServices**, WCF using **C#,VB.Net** and **LINQ**.
* Involved in testing **PowerShell** Scripts using **Integrationtests** and **Unittests**.
* Used Sub Version(**SVN**) and **GIT** as version control and for managing source code changes.
* Developed several hundred **ExtJS** 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 2015, SQL Server 2014, oracle 11g, ASP.Net 4.0, C#, Vb.Net, ADO.Net, Microsoft Azure, ReactJS, Web Services, WCF, XSLT, Fiddler, SQL Profiler Tool, IIS 7.5, Teradata, Knockout Js, SJavaScript, jQuery, WPF, WCF, XML, AJAX, GitHub, SVN, HTML 5, and CSS.

**Client: Delta Dental, Chicago, IL Jan 2016 – March 2017  
Role: Full Stack Developer**

**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 **Scrummeetings** of the project implemented in **agilemethodology**.
* 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**.
* 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 JS**.
* Involved in creating web pages using **Angular JS**, **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.
* Used **Knockout JS** in combination with **Angular JS** for enhancing the **UI** of the web app.
* Provided efficient error handling to the **SSIS packages**.
* Design and development of rich GUI using **HTML 5**, **CSS**, **Angular JS**, **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 (**TFS**) 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

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

**Role: .Net Developer**

**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.
* 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**

**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:Rajarshi Solutions, Gujarat, India June 2010 – Dec 2011**

**Role: SQL Developer**

**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