**Sathyendra**

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**PROFESSIONAL SUMMARY**

* Over 7 years of experience in Analysis, Design, Development, Testing, Debugging and Implementation of Web/Windows  based and client/server applications as an Analyst & Developer.
* Experience in Development methodologies like Agile/Scrum, Iterative, and Waterfall models.
* Strong technical expertise in using Entity Framework, ASP.NET, ASP.NET MVC, .NET Core, ADO.NET, C, C++, C#, VB.NET, Angular JS, WCF, WPF, Win forms, Web Forms, VBScript,  JQuery, JavaScript, AJAX, Razor views, WAS, IIS, VB6.0, ADO, COM+, HTML, XML, Crystal Reports and Web Patterns.
* Experience in building Web services using ASP.NET Web API and performing CRUD operations using REST API.
* Expertise in implementing Object Oriented Analysis and Design (OOA & OOD) and Service Oriented Architecture (SOA) methodologies.
* Working experience on the frontend using Angular JS, Angular2/4.
* Expertise knowledge on HTML5, XHTML, JavaScript, Bootstrap, VBScript, Classic ASP applications, XML, XSLT, CSS3.
* Well versed in Implementing and developing the standards and guidelines using HL7 and HIPPA.
* Experience on version control systems Tortoise SVN, GitHub and TFS.
* Created Entity classes, relationships between entity classes using LINQ to Entities, and LINQ to SQL, Oracle PL/SQL and Enterprise Library to manage relational data as objects.
* Developed User Interfaces for Applications using WPF, Silverlight, and JQuery.
* Worked on N-Tier Architectures like MVC (Model View Controller), MVVM (Model View, View Model) design patterns on the applications.
* Experience in implementing SOLID Principles.
* Experience in Custom, Tabular, Matrix and distributed reports in multiple formats using Crystal Reports and SQL Server Services (SSIS, SSRS).
* Experience in creating SPA (Single page Applications) based on client side JavaScript framework Angular 2/4 employing MVC, MVVM and Web API.
* Worked on Share Point Portal. Developed for a system based on Windows Share Point Services to act as a single point of access to technical discussions, Presentations, Case studies.
* WCF was used as serialization and deserialization, source to query retrieve and Data development was done by using C# and used Unity as DI container.
* Has a strong experience and understanding in .Net framework 3.5, 4.0, 4.5, 4.6, 4.6.2 features for designing and developing new application using WCF, NHibernate, GIT and WPF.

**EDUCATION:**

Bachelor of Technology in Computer Science and Engineering, KITS, India

**Technical Skills:**

**Programming Languages** C# .NET(5.0/4.0/3.5/3.0), VB .NET, T-SQL, PL/SQL

**Web Technologies** ASP.NET 5.0/4.0/3.5/3.0/2.0, ASP.NET MVC 5.0/4.0/3.0, ASP.Net Ajax 3.0/2.0, JavaScript, JQuery , VB Script. XAML, XML, XSLT, XPATH, XSL, SOAP, Silverlight 5.0/4, Telerik, Kendo UI, .NET Core

**UI Technologies** WPF, Infragistics.

**IDE Tools** MS Visual Studio 2015/13/12, Visual studio code.

**Scripting** HTML5, JavaScript, Typescript, JQuery, CSS3, AngularJS, Angular 2/4, Bootstrap.

**.Net Frameworks** .Net Framework 5.0/4.5/4.0/3.5/3.0/2.0

**Databases** MS SQL Server 2016/2014/2008, MS Access 2010/2007/2003, PostgreSQL, Oracle 11i/10g/9i.

**Reporting Tool** SSRS , Crystal Reports.

**Modeling Tools** UML, MS Visio 2010/2007

**Version Control Tools** VSS, Subversion, TFS, GIT

**Middleware** WCF, ADO.NET Entity Framework 6.0/4.0, NHibernate, LINQ, LINQ to XML, LINQ to ENTITIES, E-SQL, MSMQ, Web Services, WCF , Restful Web API 2.2/2.0, Win Forms, Enterprise Library 5.0

**Servers** Windows Server 2016/2014/2012, Microsoft IIS (8.0/7.0/6.0/5.0/4.0), UNIX

**Testing** NUnit, Unit, JIRA.

**Other:**

MVVM, SOAP, Jenkins, Nlog, Generic Repository pattern, Share Point, Auto Mapper, Nlogger, Ninject Framework, IE8, Fiddler, DHTML, Multi-threading, Karma, Razor View, VB6, Power Shell scripting, HIPPA, PHP, HL7, Generics, Docker, Lambda Expressions, Extension Methods, Swagger, Microservices, OOA & OOD.

**PROFESSIONAL EXPERIENCE**

**Client*:* Commonwealth of Kentucky – Frankfort, KY Sept 2018 - Present**

**Role*:* Sr .NET Developer**

**Responsibilities:**

Primarily worked on the development of The Worker Information System (TWIST) web application used by the social workers of Kentucky state government to report health care emergencies, family services, child/adult abuse cases, adoption, foster home, childcare unit cases etc. Key highlights include

* Utilized the Agile methodology for the development of the application.
* Interacted with business analysts, end users and worked on the application specifications to develop detailed functional, technical design, and test specifications that fully satisfy business requirements.
* Designed and developed multiple web applications using Visual Studio 2015/2017, TFS, ASP.NET MVC, .NET Core, C# and Microsoft SQL Server 2019 using dependency injection design pattern with Unity Container.
* Responsible for designing Presentation Tier web pages using the concepts such as Master Pages Themes Skins HTML, XML, CSS, AJAX, and Java Script.
* Performed Client and server-side validations using JavaScript, jQuery along with regular expressions.
* Created data models using Entity Framework 6 with Database First approach.
* Created RESTful ASP.NET MVC Web API with Authentication and Authorization based on .NET Identity Framework to interact with database including adding, reading, updating, deleting actions.
* Used Web API, WCF, Web Services for the business layer logics to retrieve data from the database.
* Used MSMQ, SQL Service Broker for sending and retrieving messages.
* Tested Web API by using Postman for Smoke Testing and Nunit with Mock for unit testing.
* Developed various new SSRS Reports by writing complex queries and used SSIS.
* Managed all development tasks and source code modifications via TFS.
* Developed SQL Packages, complex Stored Procedures and Functions accordance with Business Requirements.
* Performed code reviews to deliver quality code and maintain standards throughout the project.
* Optimized the query performance with modification in SQL queries.
* Implemented TDD and performed extensive Unit testing using Nunit.
* Utilized JIRA as the project management tool to track the project progress and existing issues discussed in Scrum meeting every week.

**Environment:** Visual Studio 2015/2017, C#, VB.NET, ASP.NET, .NET Core, MVC 5, LINQ, WCF, SOAP, Microsoft SQL Server 2019, LINQ, T-SQL, CSS, JQuery, AngularJS, Docker, AJAX, JSON, Rest API, HTML5, JavaScript, SSRS, SSIS, TFS, AGILE, MSMQ, SQL Service Broker, WebAPI, Unity, NUnit, Microservices, Swagger, Nlogger.

**Client*:* Kinder Morgan – Houston, TX Mar 2018 – Sept 2018**

**Role*:* Sr .NET Developer**

**Responsibilities:**

* Utilized the Agile methodology for the development of the application.
* Key contributor to the team that developed the Kinder Morgan Budget Forecast application.
* Interacted with business analysts, end users and worked on the application specifications to develop detailed functional, technical design, and test specifications that fully satisfy business requirements.
* Designed and developed web application (KM Budgeting System/Forecasting) using Visual Studio 2015, TFS, ASP.NET MVC, C# and Microsoft SQL Server 2012 using dependency injection design pattern with Unity Container.
* Responsible for designing Presentation Tier web pages using the concepts such as Master Pages Themes Skins HTML, XML, CSS, AJAX, and Java Script.
* Performed Client and server-side validations using JavaScript, jQuery along with regular expressions.
* Created data models using Entity Framework 6 with Database First approach.
* Created RESTful ASP.NET MVC Web API with Authentication and Authorization based on .NET Identity Framework to interact with database including adding, reading, updating, deleting actions.
* Used Web API for the business layer logics and used LINQ to retrieve data from the database.
* Tested Web API by using Postman for Smoke Testing and Nunit with Mock for unit testing.
* Used AngularJS to create Services, Custom Directives, 2-way Bindings and Filters on the front-end.
* Utilized Object Oriented (OOPS) development process and exception handling for better code development and maintenance.
* Developed various new SSRS Reports by writing complex queries for the easy analysis of Forecast data.
* Managed all development tasks and source code modifications via TFS.
* Developed SQL Packages, complex Stored Procedures and Functions accordance with Business Requirements.
* Performed code reviews to deliver quality code and maintain standards throughout the project.
* Optimized the query performance with modification in SQL queries.
* Implemented TDD and performed extensive Unit testing using Nunit.
* Utilized JIRA as the project management tool to track the project progress and existing issues discussed in Scrum meeting every week.
* Support production environment by identifying root cause for bugs and deliver the fix within agreed SLA, deliver and configure application in production environment.

**Environment:** Visual Studio 2015, C#, ASP.NET, MVC 5, LINQ, WCF, SOAP, Microsoft SQL Server 2012, LINQ, IIS 7.0, T-SQL, CSS, JQuery, AngularJS, AJAX, JSON, HTML5, JavaScript, ADO.NET, SSRS, TFS, AGILE, Unity, NUnit.

**Client*:* Northern Trust – Chicago, IL Jan 2017 – Feb 2018**

**Role*:* Sr Full Stack .NET Developer**

**Responsibilities:**

* Involved in Design and Code Construction with OOPs Implementation in MVC Architecture.
* Utilized the Agile methodology for the development of the application.
* Developed the application using Visual Studio 2015, TFS, MVC Framework, C# and Microsoft SQL Server 2016.
* Client and server side validations are done using Java Script and ASP.NET validation controls.
* Worked on Web API for interacting the Angular App to the business logic layer of MVC.
* Utilized Entity framework as a data access layer to SQL server for the REST full based ASP .NET Web API web services.
* Worked on developing and consuming ASP.NET Web API REST Services for creating and consuming business components and implemented basic authentication for the API's exposed to the client services.
* Used SQL server 2016 to retrieve the data.
* The Presentation Layer was implemented in ASP.NET using Web Forms, User Control and Web Controls. Business logic was developed using C#.NET.
* Created WCF web services for implementing business logic.
* Developed Responsive Web pages that are rich in user interactive using HTML5, CSS3, JavaScript, Bootstrap, GIT, and JSON.
* Implemented Dependency Injection pattern for accessing repository with Unity Container.
* Set up the Application Deployment on Staging and Integration servers using Jenkins.
* Generated reports using SSRS.
* Developed the web application majorly in C#, ASP.NET, Angular 2, JavaScript, CSS3 and HTML5.
* Developed SQL queries, T-SQL procedures, Functions, triggers to handle the business rules data integrity and for various data transactions.
* Created Tables, Stored Procedures, Views, Indexes and involved in designing of Database tables.
* Used TFS extensively for version control of the source code along with the maintenance of the builds using MS Build and the relevant documents of the same.
* Developed WCF services to enable effective communication between SOA.
* Implemented SOA using WCF, developed and consumed WCF services with features versioning, security, optimization and reliability.
* Developed Web User Controls and Custom User Controls to minimize code redundancy.
* Involved in QA testing and tracked the changes using JIRA.
* Implemented TDD and performed extensive Unit testing using Nunit.
* Developed test plans and participating in Code Testing to ensure workability, completeness, quality.
* Troubleshoot and resolve day-to-day complex production issues.

**Environment:**.NET Framework 4.6.2/4.6, MS Visual Studio 2015, WCF, Entity Framework, Bootstrap, ASP.NET 4.6, ASP.NET Core MVC 1.0, Unity, IOC, Dependency Injection, Web API 2.2, C#.NET, UML, NUNIT, XHTML, CSS3, XML, SSRS, SSIS, MSMQ, JQuery, AJAX, SOAP, GIT, LINQ, TFS, SQL Server 2016, Karma, Oracle 11i, IIS, Jenkins, HTML5, Jasmine.

**Client*:* Deloitte – Cleveland, OH Oct 2015 – Dec 2016**

**Role*:* .NET Developer**

**Responsibilities:**

* Utilized the Agile methodology for the development of the application.
* Involved in full life cycle of the project from requirements gathering, analyzing, designing, and developing the application using Iterative AGILE Methodology.
* Solid experience in developing client-side JavaScript framework using Knockout JS employing ASP.NET MVC and Web API.
* Involved in designing and defining WSDL that is used by all the Partners to send HL7 or HIPAA documents.
* Followed HIPAA guidelines and worked on HL7 interfacing.
* Using JIRA and Quality Center (QC) tool to track the support tickets.
* Used JIRA for Bug analysis and fixes in Web-industry standards. Updated sprint progress in JIRA and Stand-ups on daily basis.
* Involved in developing continuous integration projects using GIT and merged code between each projects/release.
* Designed presentation layer for dynamic web forms using ASP.Net MVC 5.0 Framework, HTML5, CSS3, JSON and Visual Studio 2015.
* Extensively worked migrating the application which uses VB6, MS Access 2000 a windows application to Web application using ASP.NET, C# and SQL Server.
* Used SSIS to manipulate data to integrate the SQL Server database into larger processes.
* Developed Win Forms using C# and ASP.NET.
* Developed and enhanced Master Pages, User Controls, Custom Controls, and User Interface by using HTML5, CSS3, ASP.NET Controls along with Bootstrap Framework, Telerik Kendo UI Controls.
* Developed Various SSRS reports for the easy analysis of Claimants information.
* Translate Web forms using Angular JS, HTML5, CSS3, JQuery, JSON, WCF Services for Windows 8 Modern style. Used JQuery for animation effects to icons, and page layout.
* Developed parameterized SQL queries and stored procedures to query database tables in T-SQL.
* Designed and Implemented Data access layers using LINQ for XML Data.
* Generated T-SQL code by using Dynamic SQL and handling NULL in T-SQL.
* Involved in developing the deployment scripts in power shell and creating deployment packages for Share Point 2013.
* SAML Claims based authentication has been implemented with Share Point 2013.
* Created Crystal reports in SQL server 2014 by using prior features.
* Worked with MVC architecture application using ASPX/Razor view engine.
* Developed DAL using LINQ Data context object with ADO.NET Entity Framework for LINQ, invoked DB tables and stored procedures and Implemented LINQ Lambda Expressions to query in memory expressions.
* Experience in managing and setting up continuous tools like Jenkins.

**Environment:**.NET Framework 4.6.1/4.6, Entity Framework 6.0, ASP.NET MVC 5, WEB API 2.0, ODATA, Nlog, Generic Repository pattern, HIPAA, Share Point 2013, Auto Mapper, Visual Studio 2015, C#, Ninject Framework, Bootstrap, HTML5, XML, XSLT, SQL Server 2014, AJAX, Angular 2, Knockout V3.2.0, Crystal reports, T-SQL, Dynamic SQL, JQuery, MVC, SSRS, SSIS, PL /SQL, TFS, UML, XHTML, CSS3, GIT, Jasmine, NHibernate

**Client*:* IBM – Seattle, WA April 2013 – Sept 2015**

**Role*:* .NET Developer**

**Responsibilities:**

* Developed N-tier applications using MVVM architecture with Model, View and View Model using WPF Win-forms, business logic layer (C#.NET), data access using SQL Server 2012 and WCF services.
* Involved in the development of an easy to use Custom User Interface for Web application, using ASP.NET 4.5, C#, and ADO.NET, AJAX, CSS/XSLT and Agile development methodology.
* Designed and developed dynamic ASPX web pages using ASP.NET, XML, HTML and Java Script.
* Extensively used Master Pages in designing the web pages and used Cascading Style sheets for a unified look of the application.
* Implemented project by following Rapid Application Development (RAD) steps.
* Developed presentation layer using Server-controls, HTML Controls, User Controls, and Custom Controls.
* Designed WCF Service Contract for validating the user input. Implement classes for data validation and to perform edit check on the data.
* Developed web services to send emails and get LDAP information.
* Analyze and understand the existing Crystal Report design to migrate into SSRS.
* Used PL/SQL to declare Procedure, Function, Library and Trigger to execute on the database.
* Developed various stored procedures for the data retrieval from the database and generation of different types of reports using SQL reporting services (SSRS).
* Migrated applications from .NET Framework 1.1 to 4.5.
* Various Validation controls are used to validate each and every control on a Web form and client side validations with JavaScript and JQuery.
* Developed application using C#, ASP.NET, HTML3, AJAX, SQL Server 2012/2014 from new development and VB6 Applications and Cobol Applications.
* Worked with (JIRA) testing team to fix the bugs as part of Bug life cycle and Production support.
* Specified the system architecture and design utilizing the UML Analysis and Design Models.
* Used LINQ to iterate, filter, sort data on collection objects.
* Designed Graphical User Interface (GUI) using Razor views, JQuery, CSS3 classes and Custom Controls for Reporting and Planning Module.
* Implemented ETL process using SSIS package, experience in enhancing and deploying the SSIS Packages from development server to production server.
* Implemented Stored Procedures, Triggers, Indexes, Views and involved in conversion of some of the current Queries that are used in the current application into stored procedures to increase the performance.
* Developed core functionality with the ASP.NET Framework from visual basic (VB6) Application (C#.NET, Entity Framework 6.0).
* Expertise with Table Design, Index Design and Performance Tuning.
* Implemented Form Based Security Authentication and Authorization based on Access-Levels for Pages.
* To build, deploy and configure existing code on TFS to non-Production and Production environments.
* Worked with MOSS 2013, this does the entire authentication and calls WCF client with TCP/IP bindings in configuration and to save documents, lists and other content types.

**Environment:** Microsoft .Net Framework 4.5, MS Visual Studio 2012, C#.Net, Entity Framework 6.0, ASP.NET, Web Services, Windows Services, SQL Server 2012, WPF, XML, XSLT, XHTML, HTML3,  ADO.Net, JQuery, Share Point 2010, CSS3, Multi-threading, JavaScript, JIRA, Fiddler, Nunit, WCF, Restful Web API, UML, SSRS, SSIS, AJAX