# **Manasa Ghattamaneni**

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## **Professional Summary:**

**Proficient 7+** professional experience as a **.NET Developer** in analysis, design and implementation of web based, windows-based client-server applications in Microsoft Technologies using **C#,** **VB**.**NET**, **XAML** Classic **ASP**, **ASP.NET**, **ADO.NET**, WinForms, **MVC**, Web Forms, **SQL Server**, **T-SQL, PL/SQL**, Oracle, Web Services, Windows Services.

* Proficiency in designing **ASP.NET** based Graphical User Interfaces (GUI’S) with **CSS, JavaScript**, **AJAX**, **jQuery**, **AngularJS**, **Kendo UI**, **Bootstrap**, Multithreading and **HTML**.
* Potential to encounter client's prerequisites through viable programming strategies and coding techniques.
* Proficiency working with Web 2.0 standards, **HTML 5**, **CSS3** and **XHTML**.
* Adept in developing **client-side** application functionalities with rich UI design and user-friendly design approaches, **single page** applications, responsive web pages with performance functionalities in the web applications using **type script, Java Script**, **jQuery**, **AJAX**, **JSON**, **HTML** 4/5, XML/XSLT/XHTML, **Bootstrap** with **Angular JS** 1.5/1.6/2/4, and media queries.
* Proficiency with third party tools such as DevExpress and **Kendo** **UI**.
* Designed and Developed the application in **C#.Net, WCF**, **WPF XAML**, **MVVM**, SQL Server 2008 R2, .Net Framework 4.0
* Followed TDD approach and created unit tests for the new functions written using C# and VB.net
* Proficiency in designing and branding Master Pages utilizing Server Controls, User Controls, Data Grid control, Form Validation controls, Custom controls, **CSS**.
* Extensively used ASP.NET Ajax Controls like Script Manager, Update Panels and Updated Triggers to make the page more responsive and interactive to the users
* Expertise in using **ADO.NET** objects such as Connection Object, Command Object, Data Reader Object, Data Adapter Object and Dataset Object.
* Worked on **LINQ** to **SQL**, **LINQ** to ADO.Net Datasets, LINQ to Objects, and LINQ to XML.
* proficiency in developing **Web Services** and invoking them by using **XML, SOAP, UDDI, RESTAPI, WCF** and **WSDL** for creating proxy classes.
* WMS is a mainframe application with a web-enabled presentation using a DB2 database with access via DB2 Connect, **COBOL, CICS, VB.net, XML, XSL**, and **HTML** development software. It is accessed via both the mainframe and Intranet.
* Experience of creating rich UI for windows/ desktop applications using **WPF,** Silverlight along with **XAML** programming.
* Expertise includes developing technical solutions, productivity packages, and directing major software installs. Solid background in **CICS**.
* Rendered **ADO.NET** data access techniques to connect, retrieve and manipulate the database information and created **ADO.NET,** objects like Data sets, Data reader and data adapter to efficiently communicate with **SQL Server** Database.
* Used Team Foundation Server(**TFS**) for version Control and source code Maintenance needs.
* Well versed in Design Patterns like **MVC, MVVM** Patterns and Singleton Patterns. Implemented the project using MVVM pattern with **Silverlight** 4.0 as front end.
* Proficient working with Stored Procedures, Triggers, Cursors, Functions and Views on Oracle and SQL Server.
* Created **Stored Procedures** to manipulate the database and to apply the business logic according to the users' specifications
* Experience in creating Data Transformation Service (DTS) packages, **SSIS**, **SSRS** with SQL Server 2014.
* Developing SSIS jobs with the SSIS packages with additional steps which could be utilized for FTP
* files or staging intermediate data staging databases.
* Experience in generating reports using **SQL Server** Reporting Services and Crystal Reports.
* Created business Model in **VB**.**NET** to maintain connectivity with **SQL** Server databases.
* Involved on migrating SQL Server databases to new versions of SQL Databases.
* Identified several SQL and PL/SQL bottlenecks using **PL/SQL Profiler** (package DBMS\_PROFILER), explain plan, auto trace.
* Involved in developing reports using Report Wizard, Report Builder, Report Manager and deploying reports in SQL Server Reporting Services (**SSRS**).
* This application resides on both the mainframe and a web server within the corporate server farm. The web application utilizes the CICS Bridge to convert the **CICS BMS** maps to web pages. It utilizes the **COBOL** business logic in the mainframe application.
* Experience with **SOA** [Service Oriented Architecture] and **N-Tier** Architecture, for project development and good knowledge on enterprise architecture systems.
* Experience in working on IDE’s like **Visual Studio** 2017/2015/2010/2005 and SQL Server 2016/2008/2005.
* Experience in developing **n-tier** Web Applications.
* Experience with Software Development Processes & Models: **Agile**, **Waterfall**, & **Scrum** Model
* Excellent working experience using with Internet Information Server **(IIS),** Windows/NT Server.
* Quick Learner, extraordinary critical thinking and inconvenience **e-shooting** abilities.
* Excellent Cooperative person with great Correspondence and Relational aptitudes.
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**TECHNICAL SKILLS:**

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| **Languages** | C, C#, .NET 3.5/4.0, VB.NET, XAML, JavaScript, Type Script, KENDO UI, jQuery, AngularJS, Bootstrap, Web Services, WCF, WPF, Remoting, Win Forms, Web Forms, SQL, T-SQL, Entity Framework. |
| **.Net Technologies** | Asp.net (5.0/4.0/3.5/2.0/1.1), MVC, MVVM, MEF, Entity Framework, Identity, Web Forms, Web Controls, Custom Controls, User Controls, Web Services, Ajax, ADO.net, WCF, .NET CORE 1.0, Cobol, CICS. |
| **Software’s** | Microsoft Visual Studio 2005, 2010, 2012, 2015, Eclipse |
| **Designing Tools** | Visio, Dream Weaver, Flash 5.0, Adobe Photoshop CS5, Flex builder 4 |
| **Databases** | Microsoft SQL Server 2016/2005/2008,2017, R2, Oracle 10g, PL/SQL |
| **Packages** | MS Office 2007, 2010, 2016. |
| **Operating Systems** | Windows 10, Windows 8, Windows XP, Vista, 7, Linux (Ubuntu)/UNIX. |
| **WEB Services** | REST, SOAP, UDDI, WCF |
| **Version Control** | TFS, Git Hub, SVN, VSS |

**PROFESSIONAL EXPERIENCE:**

**Client: Guide One, Des Moines, IA Mar’2017 – Till Date**

**Role: Full Stack Developer**

**Responsibilities:**

* Worked in Agile environment delivering functionality on time with quality as highest priority.
* Designed the web UI using ASP.NET, HTML, DHTML, jQuery, Angular 4.0, JavaScript, JSON, CSS, XSL, Web Forms and AJAX controls. Strictly implemented mobile first approach and responsive web design.
* Development of UI mock-ups, prototypes and implement user interfaces for key components of the web application.
* Designed and developed Hybrid-Single Page Application using C# 5.0, .NET Framework 4.5, ASP.NET MVC 5, and AngularJS.
* Migrated legacy line of business application and architected and designed to improve overall page response using Asp.net MVC, Kendo UI and Ajax.
* Designed and developed UI grids using Angular.js Framework.
* Consumed REST (Representational State Transfer) services in UI service layer with the help of http and resource.
* The technology being used ranged from .Net Framework 4.0, C# , Far point Spread and SQL Server 2008.
* Designed UX for the admin tool to manage users, groups, brands, and content, deploy and purge content, and monitor reps.
* Participated in the software deployment processes for in-house developed integrations using Octopus Deploy
* Created User Control in VB.net to make application code reusable and to give same look and feel to the application.
* Implemented SOA(Service Oriented Architecture) with creating and consuming Web Services in VB.Net.
* Established UX design as the first stage of all Web and mobile application developments, instituting a user-centered design (UCD) approach. Frontend technologies Angular 4.x/5.x, Angular Material, Bootstrap.
* Implemented AngularJS Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory.
* Extensively Used Git Hub as version Control for the maintenance and status of the development of applications
* Keeping current with Angular 4 and Typescript we could further modularize the app for reusability and consistency. Jasmine, Karma, and Wallaby.js were used for unit and integration testing.
* Designed components using JSX and reducers and actions using React.js and Redux using the latest version of JavaScript (ECMA 6).
* Implemented ORM layers using Dapper, LINQ.
* Implemented few modules in MVC 5, entity framework code first pattern, Dapper (micro ORM), Azure.
* Used ADO.NET and Dapper to retrieve data from database.
* Worked with WEB API's to make calls to the web services using URLs, which would perform GET, PUT, POST and DELETE operations on the server.
* Created a RESTful Web API service using ASP.NET Web API to generate data for the EMS which was then consumed in the front-end by AngularJS.
* Involved in implementing the logic using Vb.net.
* Implemented CICS Explorer and the use of CMCI for CICS TS 4.2
* Implemented MVVM pattern using MEF in developing the application, a future Silverlight prospective.
* Design wireframes, user flows, comp visual design and code pages using HTML5 / CSS3.
* Experience in developing Self Host Services by using Microsoft OWIN.
* Experience in creating Containers by Docker's for Microservices.
* Developing UI layer using React, Redux framework.
* Business end user facing front pages using Angular 2.0, CSS 3, HTML 5, JavaScript and Bootstrap.
* Built application using ASP.Net MVC Core, MEF, Code First, Angular 2.0.
* Installed the tools as required for the project development from the Nugget Package Manager.
* Used AngularJS and ng-grid JS libraries as a part of client-side development
* Implemented LINQ for querying, sorting, filtering the complex objects.
* Used WCF JSON and WCF Rest service in developing and deploying on windows in line with the service oriented architecture (SOA).
* Used jQuery for Client-Side Validations and AJAX calls to communicate with Controller Actions and Web API Services with JSON Data. Developed .Net core functionality with the ASP.NET MVC Framework.
* Worked with XSLT for transforming the XML document to other format, and data change/updates.
* Worked in Test Driven Development (TDD) environment, wrote Unit Tests and Integration Tests.
* Customized the security roles, user teams and field level security profilers.
* Deployed the SSIS packages on SQL server and scheduled the daily jobs on SQL server to load the data every day.
* Worked with data migration. Used tools like SQL Server integration services (SSIS) in transferring data from one database to another.
* Created Database objects like Tables, Stored Procedures and Triggers in SQL Server 2014.
* Developed reports using BIDS, SSRS according to the input parameters required by the business.
* Provided estimates, daily & weekly status report to the client on progress of the tasks.

**Environment:** .Net 4.5, Visual Studio 2015, SQL Server 2014, C#, VB.NET, Git Hub, ASP.NET MVC 5, ADO .NET, JavaScript, J Query, AJAX, HTML5, Bootstrap 4, Microservices, .Net Core 1.x/2.x, CSS3, Web API 2.0, Angular JS, KENDO UI,TFS, IIS 7.0, WCF, Entity Framework 6, TFS, XML, XSLT, Octopus.

**Client: Citizens Bank, Providence, RI Jan’ 2016 – Feb’ 2017**

**Role: Sr.Net Developer**

**Responsibilities:**

* Participated in requirements gathering and compiled them into design document.
* Worked on Migrating existing. SQL extension file features from MPF to Managed Extensibility Framework.
* Developed Build Tools workload to build any Database projects without requiring Visual studio.
* Created Custom Controls, User Controls and used Dependency Properties to bind data on these controls.
* Developed Web Services using Windows Communication Foundation (WCF REST) for integration with other systems.
* Involved in fixing the accessibility issues occurred in SSDP installation setup and Product bugs in SSDT(Sql Server Data Tools).
* Involved in resolving issues with UI accessibility in SQL Server Management Studio (SSMS) related to SQL service engine features.
* Designing WPF Forms, Custom Controls and User Controls using XAML language for interactive UI Program the Data Access Layer using C# .Net.
* Worked on the planning and development of new Criminal Justice System - CJIS, made all CICS changes and supported the system.
* Worked on designing and developing WinForms application.
* Experienced in using Inspect (Inspect.exe) tools to select any UI element and view the elements accessibility data.
* Configure and manage Windows Servers utilizing Hyper-V virtual machines.
* Experienced in troubleshooting and remote debugging issues in virtual Machines. Used Fiddler, Chrome Developer Tools, IE Developer Tools for debugging, track down layout issues, set JavaScript breakpoints.
* Extensively Used TFS (Team Foundation Server) for the maintenance and status of the development of applications.
* Expert in MVS/ESA mainframe environment using COBOL II, DB2, VSAM, and CICS. Excellent communication skills, and a reliable team member and leader.
* Extensively worked on Entity Framework generating ORM Models and integrating them through SQL and using LINQ to query the Entities using both code first and database first approach.
* Experience using LINQ and Entity Framework mapping to interact with other layers.
* Used Fiddler, Chrome Developer Tools, IE Developer Tools for debugging, track down layout issues, set JavaScript breakpoints.
* Extensive experience in re-writing existing VB 6.0/ASP 3.0 applications to Microsoft .Net (C# / VB.Net).
* Worked with WPF in designing and developing XAML pages for rich user interface for standalone applications.
* Proficient in using Design patterns like Singleton, Factory, Abstract Factory, Observer Pattern for solving problems in software design.
* Created and Consumed Restful services using Web API.
* Creating XML based SOAP Web Services, WCF Services and consuming them from the UI layer and implemented the WCF Restful, WebAPI services that communicate data in both XML and JSON format.
* Developed and enhanced the application using the MVC 5.
* The project involved MVVM, MEF, and Prism framework.
* Developed user interface using HTML5 CSS 3 ,Type Script, JavaScript and jQuery templates.
* Used jQuery with Ajax for loading data asynchronously in the user interface.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer.
* Enhanced Database schema, Data Tables, Stored Procedures, Functions, Triggers, and Indexes, Cursors and Views to manipulate the data using T-SQL.
* Build Automated test suite to increase the automation coverage for regression test cycle.
* Experienced in testing navigational structure of the automation elements in the UI automation tree.
* Extensively used Screen readers like Narrator, NVDA and color contrast analyzer(CCA) to test accessibility issues before and after fixing the defect.
* Responsible for writing, fixing and testing unit test cases and Functional Testing.

**Environment:** .Net Framework 5.0, C#, Asp.Net MVC 4 Git, TypeScript, WPF, WinForms, HTML5, SASS, CSS3, Windows Server2016, Agile, HTML, CSS, MEF, MPF,.NET CORE 1.0, WCF, COBOL, CICS, Fiddler, XAML, WPF, RESTFUL API’S SQL ,T-SQL, SQL Server Management Studio(SSMS),Type Script, Entity Framework.

**Client: Bed Bath & Beyond, NJ** **Jan’2014 – DEC ‘2015**

**Role: .Net Developer**

**Responsibilities:**

* Development was done using Agile methodology with daily scrums, paired programming using TDD and continuous integration using the SDLC process.
* Participated in daily scrums and weekly meetings with the project sponsors to meet expectations and deadlines.
* Web application that accepts and updates customer financial transaction information was developed under MVC Architecture.
* Implemented features in ASP.NET MVC application using NHibernate.
* Involved in developing applications in C# to meet the business requirements using Visual Studio.NET 2008.
* Used the Object Oriented Programming (OOP) techniques and created classes (in C#.NET) for database access.
* Extensively used jQuery, Ajax to reduce connections to the server, since scripts and style sheets only have to be requested once.
* Working on project to deconvert legacy COBOL based system onto custom conversion product SIP2000. Wrote custom COBOL/DB2 deconversion programs.
* Design and development of web applications using .Net Technologies C#, Asp.Net MVC4, .NET CORE, WCF Services, Angular 2, jQuery, HTML5 and CSS.
* Used jQuery, JavaScript, Angular JS, Bootstrap and various web controls to present data to users in a much comfortable environment.
* Maintained Windows application with Visual Studio 2008 with VB.NET
* Expertise in developing WPF, XAML application by using Microsoft Expression Blend tool, which present the data about the client improvement/response towards the treatment and published the application to the File Share using Click Once Deployment technology.
* Worked with Web API to provide services to HTTP requests.
* Experience in implementing full text search platform using NoSQL Elasticsearch engine, allowing for much faster, more scalable and more intuitive user searches for our database.
* Involved in Developing WCF services to enable effective communication.
* Worked extensively on web forms and data binding controls like JQ Grid, drop down boxes and Mapping page fields to the database fields.
* Experience using LINQ, N Hibernate and Entity Framework mapping to interact with other layers
* Programmed LINQ for communication between application and database, used extensively Data Grid.
* Designing and developing the database objects like Tables, Views, Triggers, Indexes and Complex T-SQL Stored Procedures involving Joins and using Temporary Tables, UDF (User Defined Functions) in SQL Server 2012.
* Involved in design, development and Modification of PL/SQL stored procedures, functions, packages and triggers to implement business rules into the application.
* Wrote Shell scripts to insert data to database tables. Wrote PL/SQL code to retrieve data for master and detail blocks.

**Environment:** Visual Studio 2008, ASP.Net 3.5, C#3.0, .NET CORE 1.0, Web API, Web Forms, Oracle 10g, Elastic Search, PL/SQL, LINQ, WCF, T-SQL, MVC 3.0, TFS, jQuery, HTML, XMAL, WPF, CSS, JavaScript, COBOL, Entity Framework.

**Client: United Health Group, Bengaluru, India Jan’2011 – Aug’2013**

**Role: .Net Developer**

**Responsibilities:**

* Involved in design & implement of the hospital patient management software using C# and Visual Studio.
* Analyzed the requirement and designed and implemented the database model by using MS SQL Server and database first model to generate the POCO class.
* Designed and developed the software by using Web Form framework with an n-tier design pattern.
* Developed several operations including insert, update, search and delete functions including patient information, conditions information, symptoms information, and treatment information using C# and ADO.Net.
* Worked to improve application performance using output caching, fragment caching and data caching.
* Worked on Visual Studio 2015/ .Net CORE 1.0 Framework to implement Business Logic.
* Implemented data access layer using ADO.NET classes such as Dataset, Data Table, and Data Row.
* Created Web API Controllers to provide Restful Services as well as data to UI.
* Used jQuery for Client-Side Validations, DOM Manipulation, Events etc.
* Implemented front pages to be the UI to show the patient records by using HTML, CSS, JavaScript, knockout js, jQuery to display the patient information and the corresponding conditions, symptoms, and treatment.
* Developed stored procedures, Views and automated SQL, T-SQL scripts for database maintenance, deployment and installation.
* Used SSRS and SSIS to generate the report and perform data processes and ETL.
* Comprehensively tested, maintained, documented, and deployed the application by using TFS.

**Environment:** C#, Microsoft SQL Server 2012, TFS, Web Form, LINQ, ADO.NET, Restful API’S, HTML, **.**NET CORE1.0, CSS, JavaScript, knockout js, jQuery, DOM, Microsoft visual Studio, T-SQL**,** .NET CORE 1.0**.**