# **Manasa Ghattamaneni**

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## **Professional Summary:**

**7+ years** of 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, Classic **ASP**, **ASP.NET**, **ADO.NET**, Win Forms, **MVC**, Web Forms, **SQL Server**, **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 Java Script, **jQuery**, **AJAX**, **JSON**, **HTML4/5, 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 **KendoUI**.
* 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.
* 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.
* 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**)
* 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.

**TECHNICAL SKILLS:**

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| **Languages** | C, C#, .NET 3.5/4.0, VB.NET, XAML, JavaScript, jQuery, AngularJS, Bootstrap, Web Services, WCF, WPF, Remoting, Win Forms, Web Forms, SQL, T-SQL |
| **.Net Technologies** | Asp.net (5.0/4.0/3.5/2.0/1.1), MVC, MVVM, Entity Framework, Identity, Web Forms, Web Controls, Custom Controls, User Controls, Web Services, Ajax, ADO.net, WCF |
| **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: WPF/ .NET Developer**

**Responsibilities:**

* Worked in **Agile** environment delivering functionality on time with quality as highest priority.
* Involved in developing applications in WPF, MVVM using visual studio 2016.
* Worked with the MVVM pattern in **WPF, xaml** in the UI and SQL Sybase for accessing the database
* Involving in different phases of SDLC including Designing, Programming, Testing and Documentation.
* Developed graphical user interface using **xam**l markup language.
* Used C# to write the business layer logic using object relational mapping tool used is entity framework 5.0.
* Worked with **WPF** controls like the stack panel, data grid and WPF bindings to bind the properties in the model to the view.
* Developed n-tier application with UI, business and data access layers using ASP.NET, VB.NET.
* Used bindings in the UI to connect with the business model in c# as the code behind, developed test cases for the project.
* Used entity framework to access the data from the SQL Sybase as it automates the process of ADO.NET.
* Used LINQ to write the queries in the back end so as to fetch the data from the database.
* Designed database queries in SQL Server, created stored procedures, views, triggers so as to reduce the code complication in the front end.
* Used Entity Framework to perform **CRUD** operations on the SQL Server 2008 though 2015 database.
* Used Tortoise SVN to share all the work, code, to sort out the exceptions raised during work.
* Conducted testing (unit testing, regression testing) of different objects to minimize the bugs in the Quality analysis sessions before releasing in to the production.
* Used JIRA for working with the production issues logged
* Developed the Low Latency Real Time Inventory Screens with WPF and MVVM Pattern and C# and Blend Behaviors which gets feeds from Tibco EMS.
* Developed Inventory Exposure Monitor screens using WPF and MVVM Pattern and C#.
* Involved in the development of Client profile screens using WPF and MVVM Pattern and C#, which take care of the creation of legal entity and related accounts, contacts, contracts.
* Developed Security control, using WPF and MVVM Pattern and C# and Blend Behaviors, which enable the security search using security description, Symbol Identifier, Cusip, Sedol, and ISIN.
* Developed Behavior Which Flicker/Highlight/Animate Cells of Grid on Real time consumption of TIBCO EMS messages using Producer Consumer Queue Pattern.
* Created Control templates, Adorners, Data templates, Blend Trigger Actions, Styles, Style Triggers, Value Converters, Commands and Dependency /Attached Properties for the WPF application.
* Developed Lend/Borrow Portfolios Screens using Angular, Typescript, Bootstrap, and WebAPI
* Developed Recall Booking Screen using Angular and TypeScript.
* Developed Collateral View Screen which gives the details of the collateral coverage
* 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.**
* 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:** WPF, DevExpress, Blend, C#, ADO.NET, XML, VS. Studio 2013,.Net 4.5, PRISM, MVVM, Tibco EMS, WPF, C#, TPL, Rx, Nunit, TDD, Unity, Angular 2, Typescript, Bootstrap.

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

**Role: WPF/.NET Developer**

**Responsibilities:**

* Designing and Developing the Hybrid Mobile Applications. This contains Android, and Windows mobile Application.
* Developed the Low Latency Real Time Inventory Screens with WPF and MVVM Pattern and C#.
* Understanding functional specifications and documenting technical design documents.
* Provided Installation Documents. This contains SQL Server 2008 R2 Installation, Windows Server 2008 Installation, and Go-Plant installation documents.
* Designed and developed rich user interfaces with ASP.NET, MVC 4.0, HTML5, CSS 3, Bootstrap, Angular JS, jQuery, Java script, Ajax.
* Used MVVM frameworks WPF - JavaScript libraries for responsive and dynamic UI.
* Used Team Foundation Server (TFS) and Git for Version Control.
* Created team specific Agile process flow in JIRA to move tasks from one activity to another. Prioritized tickets as assigned in JIRA Ticketing tool.
* Involved in creating and configuring builds for some of the applications.
* Written Stored Procedures in SQL Server 2014 R2 used EDMX as conceptual Model and LINQ to Entities to bind the data to Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation.
* Created and deployed XML Web Services using VB.NET, used them to generate the proxy class files based on the Web Services and consumed in Web application.
* Developed web applications using VB.NET and AJAX Extensions under MVC architecture.
* Used JavaScript for client side validation and used AJAX, jQuery logic for smooth UI experience.
* Used ADO.NET Enterprise Library Application Blocks for abstracting data stored in Database.
* Designed and developed user interfaces using WPF, C#, HTML 5, Angular, JavaScript, jQuery, CSS, Bootstrap.
* Using Node Package Manager (NPM) to install the necessaries packages from my app.
* Data retrieval and manipulation using LINQ to Entity framework and LINQ to SQL.
* Widely used AngularJS UI-bootstrap components like calendar picker, time picker, directives, select2, model pop-ups, ng-grid, router Provider's, progress bar, ng-Idle, ng-Upload.
* Refactored existing application web code with AngularJS to improve maintainability and make the web application more modular.
* Developed user interface screens using ASP.NET MVC Razor, JavaScript, JSON and HTML.
* Designing WPF Forms, Custom Controls and User Controls using XAML language for interactive UI.
* Worked with Selenium automated testing tool to automate test procedures along with continuous integration tool Jenkins.
* Experienced in building continuous CI/CD pipeline by using CI tool **Jenkins** and resolved the issues.
* Implemented CSS3 to improve look and feel of ASP.NET web page.
* Created & hosted WEB API Services for implementing business logic and used different bindings to make it available to different types of clients.
* Using Bower, Grunt and NPM for project maintenance and installing the dependencies on client side.
* Developed import package to import data from Excel, CSV files into SQL server using SSIS.

**Environment**: C#4.0, .NET 4.6, ASP.NET4.0, VB.Net, MVC 4.0/5.0, HTTP, ADO.NET, AJAX, TDD, Entity Framework 6.0, AngularJS, HTML5, CSS3, JavaScript, Bootstrap, JQuery2.0/1.0, TFS 2012/2010, WPF, SOAP, Web API, XML, Microsoft Enterprise Library, SSRS, LINQ, SSIS, Windows XP, MS Test, PL/SQL, SQL Server 2012, IIS 7.0, Visual Studio 2017/2015, Windows Server 2012 R2/2012.

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

**Role: C#/ WPF .NET DEVELOPER**

**Responsibilities:**

* Designed and implemented the solution using MVVM Architecture Model Using WPF as a Front End and WCF Services as back end.
* Worked on Agile Methodology to practice-based methodology for modeling and documentation of software-based systems.
* Designed and developed various UI screens (Windows Forms) using WPF and MVVM (Model- • View-View- Model) pattern.
* Developed all the Business Logic for all the modules in a separate Business Layer in C# and this was implemented using WCF.
* Developed web applications using VB.NET and AJAX Extensions under MVC architecture.
* Created a highly efficient responsive live search using AJAX, jQuery, JavaScript, JSON, PHP, MySQL.
* Configured Windows Presentation Forms (WPF) service to authenticate clients with Windows credentials for intranet applications for login validations.
* Experience in creating WPF services to integrate with external systems to expose as xml data / data service.
* Involved in successful migration of C based architecture to GO (Go Language) worked in distributed systems and server sided software.
* Experience in developing applications to implement WPF based desktop application development.
* Extensive experience in using C# for creating multi-threaded application for parallel processing at UI and Service side.
* Extensive experience in creating distributed system using C# and cross platform support.
* Created Styles and Control Templates to be used in the UI using WPF.
* Used C#.Net, ADO.Net and PL/SQL Procedures in-order to access the SQL Server database for the front-end presentation.
* Wrote PL/SQL queries with Joins on multiple tables, Stored Procedures, Functions Triggers.
* Developed Micro services to utilize REST web services in the client's environment.
* Developed the data layer class, Business layer class using C# which is reusable for data transactions of entire project.
* Designed different components using C# language and used Exception handling, Error providers to handle exceptions.
* Created and deployed XML Web Services using VB.NET, used them to generate the proxy class files based on the Web Services and consumed in Web application.
* Implemented Queries using LINQ for effective access with database and easy handle of file operations and XML.
* Used ASP.Net web application in LINQ to SQL for database connectivity.
* Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in SQL Server using T-SQL.
* For Source Control Integration TFS 2010 was used for daily code check-ins.
* Involved in testing of application by Unit Testing, Integration Testing, User Acceptance Testing (UAT) and End User Support.

**Environment**: Windows XP, .NET4.6, Visual Studio 2012, C#, WPF, MVVM, T\_SQL, SQL, LINQ, Win Forms, Sync-fusion Controls.

**Client: United Health Group, Bengaluru, India Jan’2012 – 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 inserts, 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.
* Implemented data access layer using **ADO.NET** classes such as Data Set, DataTable, and DataRow.
* Implemented front pages to be the **UI** to show the patient records by using **HTML, CSS, JavaScript, jQuery** to display the patient information and the corresponding conditions, symptoms, and treatment.
* 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, HTML, CSS, JavaScript, jQuery, Microsoft visual Studio.

**Client: Axis Bank, Hyderabad, India June’2010 – Dec’2011**

**Role: Jr. SQL Developer**

**Responsibilities:**

* Involved in developing Data models, Data dictionaries, mapping documents and cross functional documents across systems for all the **ETL** needs.
* Created data accuracy and consistency reports.
* Created complex relational database queries/SQL, dynamic **SQL**.
* Used various report items like tables, sub report and charts to develop standard and customized reports.
* Worked on designing, coding, testing and maintaining database objects, tables, views, packages, functions, procedures, indexes, sequences and triggers using **Oracle PL/SQL**.
* Developed the ETL mappings in PL/SQL via packages, procedures, functions, views and triggers.
* OWB repository creation/configuration/monitoring, mapping/process flow development.
* Perform reverse engineering of physical data models from databases and **SQL scripts**.
* Built physical data structures like tables, views, constraints & Indexes.
* Designed SSIS Packages to transfer data from various sources like Text Files, XML Files, Excel, Flat files to SQL Server 2008.
* Loaded the data into database tables using **SQL\*loader** from text and excel files.
* Developed data model, SQL Queries, SQL Query tuning process and Schemas.
* Designed **SSIS Packages** to transfer data from various sources like Text Files, XML Files, Excel, Flat files to SQL Server 2008.
* Involved in developing **Data models**, Data dictionaries, mapping documents and cross functional documents across systems for all the ETL needs.
* Created complex relational database queries/SQL, dynamic SQL.
* Used various report items like tables, sub report and charts to develop standard and customized reports.
* Worked on **designing**, **coding**, **testing** and maintaining database objects, tables, views, packages, functions, procedures, indexes, sequences and triggers using Oracle PL/SQL.
* Developed the ETL mappings in PL/SQL via packages, **procedures**, **functions**, **views** and **triggers**.
* OWB repository creation/configuration/monitoring, mapping/process flow development.
* Perform reverse engineering of **physical data models** from databases and SQL scripts.
* Built **physical data structures** like tables, views, constraints & Indexes. Involved in physical and logical data modeling using **Erwin**.
* Designed **SSIS Packages** to transfer data from various sources like Text Files, XML Files, Excel, Flat files to SQL Server 2008.
* Loaded the data into database tables using SQL\*loader from text and excel files.
* Developed data model, SQL Queries, SQL Query tuning process and Schemas.
* Designed **SSIS** Packages to transfer data from various sources like Text Files, **XML Files**, **Excel**, **Flat files** to **SQL** Server **2008**.

**Environment:** Oracle 11g, PL/SQL, SQL Loader, SSIS, ODI, SQL\*Plus, Erwin, ETL, Microsoft SQL server 2008.