# **Manasa**

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## **Professional Summary:**

**Proficient 7+** professional experience as a **Cloud/ Frontend 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.
* Developed visual analytics using D3.js, Node.js
* Design, implement and deploy cloud, Restful services, and **Azure** web apps.
* Experience in site building on **ColdFusion** running on **Azure** server with **SQL** Server database
* 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.
* Designed and developed customized charts using Plotly.js and D3.js by incorporating customized.
* Expertise in implementing view rendering JavaScript using **React** **JS** with REDUX as architectures.
* Hands on Experience in **AWS** Cloud in various **AWS** Services such as **RedShift**, **Cluster**, Route53 Domain configuration.
* 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.
* Created web services that manages the **Azure** Subscriptions, consumed by partners.
* 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.
* Configuring and Networking of Virtual Private Cloud (VPC) Written CloudFormation templates and deployed **AWS** resources using it.
* 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, d3.js, charts.js, Remoting, Win Forms, Web Forms, SQL, T-SQL, ReactJS. |
| **.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, AZURE |
| **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: Cloud/Frontend 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**.
* Working knowledge on Microsoft **Azure** **Cloud** and **Cloud**-**based** infrastructure tools and components (**AWS**)
* Migrated legacy line of business application and architected and designed to improve overall page response using **Asp.net MVC**, **KendoUI** 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.
* Created User Control in **VB**.**net** to make application code reusable and to give same look and feel to the application.
* Designed and built visualizations to present to coaches using D3.js, Plotly, ggplot and Seaborn.
* Used Amazon **AWS** (EC2/S3/EBS) for prototyping and subsequent evaluation.
* Successfully integrated D3.js and Leaflet to produce animations and transitions.
* 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.
* Web Scraping with Python to collect sensor data and do data visualization in front end with d3.js and Chart.js.
* Orchestrate software updates and verify functionality Changing the **AWS** infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Extensively Used **Git Hub** as version Control for the maintenance and status of the development of applications.
* Involved in designing, developing and testing the web application by using the HTML5, CSS3, Bootstrap, and **React**.**JS.**
* 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**.
* Used **React JS** framework for developing the Single Page Application.
* Configured **AWS** Identity and Access Management groups and users for improved login authentication.
* 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**.
* 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.
* Utilized **React** for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the **GitHub** API through keywords.
* Work experience on Windows **Azure**, **Azure** Active Directory, **SQL** **azure**, creating resource groups, subscriptions, build definitions and release definitions.
* Business end user facing front pages using **Angular 2.0**, **CSS** **3**, HTML 5, JavaScript and **Bootstrap**.
* Built application using **ASP.Net MVC Core**, 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.
* Vast knowledge of utilizing cloud technologies including Amazon Web Services (**AWS**), Microsoft **Azure** and Pivotal Cloud Foundry (PCF)
* 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#, 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, TFS, IIS 7.0, WCF, Azure, Entity Framework 6, TFS, XML, XSLT, React.js ,AWS.

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

**Role: Sr. Frontend 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 designing and developing **Win Forms** application.
* Experienced in using Inspect (Inspect.exe) tools to select any **UI** element and view the elements accessibility data.
* Developed windows services to store Sql Server data in to Cloud base data warehousing by using Microsoft **Azure** and Amazon Web Services(**AWS**) Redshift.
* Implemented Security in Web Applications using Azure and Deployed Web Applications to Azure.
* Used **MongoDB** in conjunction with the **AWS** S3 for storing the metadata information on **MongoDB** collections
* 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.
* Visualization of Hierarchical Cluster on Website by using D3.js
* Used **Fiddler**, Chrome Developer Tools, IE Developer Tools for debugging, track down layout issues, set JavaScript breakpoints.
* 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**.
* Developed and enhanced the application using the **MVC 5**.
* Developed user interface using **HTML5 CSS 3 and 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.**
* Added Excel-Builder to download the Tabular data in Excel format using **react**.
* Design/Build Cassandra Clusters both on the physical machines and on **AWS**
* 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, React.js Azure, CSS, d3.js, charts.js, MEF, MPF, WCF, Fiddler, SQL, T-SQL, SQL Server Management Studio(SSMS), AWS.

**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.
* Design and development of web applications using .Net Technologies **C#, Asp.Net MVC4, 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.
* 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.
* Create an interactive Datatable to show details to users by combing D3.js and jQuery.
* Expertise in using Microsoft **Azure** which is cloud computing service for building, testing, deploying and managing applications and services through a global network of Microsoft-managed data centers.
* Worked extensively on web forms and data binding controls like **JQ Grid**, drop down boxes and Mapping page fields to the database fields.
* Perform security setup, networking, system backup and patching for both **AWS**, and on-premise environments.
* Programmed **LINQ** for communication between application and database, used extensively Data Grid.
* 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, Web API, d3.js, Aws, Web Forms, Oracle 10g, Elastic Search, PL/SQL, LINQ, WCF, T-SQL, MVC 3.0, TFS, jQuery, HTML, CSS, JavaScript, Azure.

**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.