# **Manasa**

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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, Classic **ASP**, **ASP.NET**, **ADO.NET**, WinForms, **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**, **HTML** 4/5, XML/XSLT/XHTML, Bootstrap with **Angular JS** 1.5/1.6/2/4, and media queries.
* Expertise in AWS Resources like EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Formation, Cloud Watch, Security Groups.
* Develop Entity framework code first - database existing hybrid solution with integration to Microsoft Azure RavenDB backend.
* Proficiency with third party tools such as DevExpress and **Kendo** **UI**.
* 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.
* Rapid provisioning and configuration management for Ubuntu using Chef on **AWS** platform.
* Expertise in using **ADO.NET** objects such as Connection Object, Command Object, Data Reader Object, Data Adapter Object and Dataset Object.
* I used to google drives **api** to display all the files that are able to be imported.
* Hands-on experience in **Azure** Cloud Services **PaaS, Web Apps,** Blob Storage Application Insights, and Logic Apps.
* Develop subscriber/publisher model with **Azure** push services
* Code functionality for utilizing IaaS Push notification services in Azure cloud
* Create dev application server using **Azure** Cloud Virtual Machine **IaaS** and use **Windows OS** as **SaaS**
* 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.
* I developed a **MVC** based web application which mimicked the Google Drive like file and folder structure in **UI,** but internally stored everything in FileNet and storing the FileNet references in oracle 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.
* Worked on migration project of moving current applications in traditional datacenter to AWS.
* 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
* Develop enterprise application with iOS/Web User Interface and with **Microsoft Azure** NoSQL **Document DB** backend.
* 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.
* Experience on working with on-premises network, application, server monitoring tools and on **AWS** with Cloud Watch monitoring tool.
* 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.

**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, Azure, AWS |
| **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.
* Creating and Managing Virtual Machines in Windows Azure and setting up communication with the help of Endpoints.
* 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.
* Hands on experience (Knowledge) on performance monitoring tools like App-Dynamics, Cloud Watch, Cloud Formation and Services Related to AWS.
* Deployed applications on Windows Azure Cloud base and active Directory configuration
* 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.
* Used security groups, network ACLs, Internet Gateways, NAT instances and Route tables to ensure a secure zone for organizations in AWS public cloud.
* 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.
* 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.
* 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.
* Implemented Azure Storage, Azure SQL Azure Services and developing Azure Web role.
* 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, Azure, .Net Core 1.x/2.x, CSS3, Web API 2.0, Angular JS, TFS, IIS 7.0, WCF, Entity Framework 6, AWS, TFS, XML, XSLT, Octopus.

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

**Role: Sr.Net Developer**

* 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.**
* Expertise in Azure infrastructure management (Azure Web Roles, Worker Roles, SQL Azure, Azure Storage, Azure AD Licenses).
* 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.
* Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs,
* Auto scaling to design cost effective, fault tolerant and highly available systems.
* 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.
* Developing Azure PaaS services like WebApp, API App, Web Job, Logic App, Function App, Storage Queue, Service Bus Queue, Azure SQL.
* 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.**
* 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 ,Azure, HTML5, SASS, CSS3, Windows Server2016, Agile, HTML, AWS, CSS, MEF, MPF, WCF, Fiddler, SQL ,T-SQL, SQL Server Management Studio(SSMS).

**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.**
* Experience of working with Azure Monitoring, **Azure** Service Bus. Designed and developed Cloud Service projects and deployed to **PaaS.**
* 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.
* Experience in using **AWS** including **EC2,** Auto-Scaling in launching **EC2** instances, Elastic Load Balancer, Elastic Beanstalk, S3, Glacier, Cloud Front, RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS.
* Developed databases in the **Azure** cloud services and maintaining the back-end code.
* 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.
* Worked extensively on web forms and data binding controls like **JQ Grid**, drop down boxes and Mapping page fields to the database fields.
* 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, AWS, Web Forms, Azure, Oracle 10g, Elastic Search, PL/SQL, LINQ, WCF, T-SQL, MVC 3.0, TFS, jQuery, HTML, CSS, JavaScript.

**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 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.
* Implemented data access layer using **ADO.NET** classes such as DataSet, 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. Responsibilities:
* 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.