**Manasa Manda**

**Email: mandamanasa04@gmail.com**

**PH: 5025315771**

[**LinkedIn**](https://www.linkedin.com/in/manasa-manda4?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3BYkimrXuAQcu%2BHNdKq8eoBg%3D%3D)

**Sr. Full Stack .Net Developer**

**Professional Summary**

* Full Stack.NET Developer with 9+years of professional experience in Efficient Application Design, development and maintenance.
* Experience in all phases of Software Development Life Cycle (SDLC) from Requirements gathering, Analysis, and Design, Development, Documentation, Testing, Implementation and Maintenance of various Web and windows applications in Waterfall and Agile Methodology.
* Experience in developing web and desktop applications using client server architecture with C#, ASP.NET, ADO.Net, Web Forms, Web Services, Silverlight 5, WPF, LINQ, WCF, MVC5, AJAX, Entity Framework, KnockoutJs, Angular 16.0, Kendo UI.
* Worked with software/tools, TFS, VSS, Clear Case, Visual Studio (2023/2019/2017/2013/2010), SQL Profiler, ReSharper, Developer Tools, Fire bug, Visio, Fiddler.
* Proficient in Object Oriented Programming (OOPS) concepts and design patterns.
* Hands on experience in design using N - tier architecture and Object-Oriented Programming (OOPS) Principles like Encapsulation, Inheritance, Polymorphism, reusability and Design patterns like Abstract factory, Singleton, Object pool a standard solution to common problems in software design.
* Good understanding and experience working on ASP.NET core.
* Exposed Virtual machines, in Ms platforms and Ms cloud services in the VNets to the internet using Azure External Load Balancer.
* Proficient in developing REST Services and integrating them with Client Server Architecture. Implemented several REST Services with Node JS as Backend and Angular as Frontend to design Frameworks.
* Experience in advanced JavaScript/UI frameworks like Angular, Bootstrap and jQuery.
* Used MVC Scaffolding and MVC Razor Syntax to quickly build applications that leverage the MVC design pattern on the client side.
* Implemented scrap coding system in ERP system to successfully reduce waste in manufacturing process by gathering data from system.
* Created the functional and technical specifications for the data migration programs and data integration.
* Experience in MEAN (MongoDB, Express, Angular and NodeJS) Stack application code development.
* Developed front-end screens using jQuery, JSP and Tag Libraries.
* Experience with NodeJS backend with Sails JS, Express and Loop back frameworks.
* Experience in using ADO.NET data controls (Dataset, Data Reader, Data Adapter, Data Grid, Grid View, and Data List).
* Proficient at developing Single Page Application (SPA) with Angular controllers, directives, factories, services, routing, DOM manipulation using JavaScript, jQuery and Angular.
* Good experience in ASP.NET server controls and AJAX controls such as Script Manager, Update Panel and Modal Popup Extender.
* Lead the timely implementation of high-quality, risk based systems migration from Oracle EBS to cloud Based Microsoft Dynamics 365 Finance and operations, including the areas of compliance, shared services.
* Extensively worked in Oracle SQL, PL/SQL, SQLPLUS, QUERY performance tuning, created DDL scripts, Created DDL scripts, Created database objects like Tables, Indexes, Synonyms, Sequences, stored procedures etc., and involved data Import/Export, closely worked with DBAs to improve performance.
* Experience working on N-Tier Architectures such as MVC (Model View Controller), MVVM (Model View, View Model), Prism in applications Strong Understanding of Data structures, Algorithms, Object-Oriented Design, Design patterns like singleton, factory, MVC, MVVM
* Hands-on experience using one-way/two-way databinding, filters, UI-routers and creating custom directives in Angular.
* Experience and good understanding in developing (SOA) Service Oriented Architecture, Web Services, SOAP, WSDL, UDDI and DOM.
* Experience in using Oracle Workflow and supporting applications using Workflow
* Experience working with XML, XSLT, XQUERY, and XPATH and worked with libraries.
* Specially working with AJAX data consisting of JSON/XML/JSONP response, parsing the same and presenting UI layer.
* Experience in handling databases like MySQL and NoSQL databases like MongoDB.
* Extensive experience in relational database development, for creating complex database queries, writing Constraints, Indexes, Joins, Views, Stored Procedures, Triggers, Cursors and Functions using T-SQL and PL/SQL in Microsoft SQL Server.
* Worked with IIS and .NET Assemblies during application deployment and experience in using XML Serialization.
* Experience in RDBMS Concepts, Database Management Systems, Database Physical and Logical design, Data Mapping, Table normalization, Data Modelling.
* 7+ years of experience in creating and managing T-SQL transactions and solving concurrency (blocking) problems in a database.
* Expertise in constructing tables, user defined data types, constraints, views and stored procedures to facilitate efficient data manipulations as per the business rule.
* Developing SSIS transformations utilizing various tasks and transformations like Control flow task, data flow task, script task etc., and transformations such as Lookup, Derived Column, Conditional Split, Data Conversion etc.
* Expertise in designing and deployment of Reports for the End-User request using SSRS and tableau, crystal reports and created many Drill through, Drill Down, Matrix/Tabular Reports, charts, parameterized reports using SSRS.
* Team Player with Focused/Committed / Get-the-Job-Done Attitude, highly organized and able to work independently.
* Implemented page level errors using the Event Logs and Log4Net
* Outstanding problem solving, strategic thinking and data analysis skills, strong focus on teamwork and achieving team goals, result oriented and excellent communication skills.
* Team Player with Committed / Get-the-Job-Done Attitude, highly organized and Excellent People-Interaction Skills

**Technical Skills**

* **Internet** **Technologies**: Microsoft .NET framework 3.5/4.5/4.6/4.8 .Net core 6.0, ASP.NET MVC, MVVM, ASP.NET Web forms, AJAX, ASP, ASP.NET CORE, Micro Services, JQUERY, IIS Web Server, WPF, WCF Services, XML Web Services, SharePoint.
* **Programming** **Languages**: C, C#, SQL, T-SQL, PL/SQL and VB 6.0
* **Distributed** **Technologies**: Restful, Web API, WCF and SOAP
* **Databases**: MS Access, MS SQL Server, POSTGRESSQL, Cassandra, NO-SQL, Mongo DB
* **Database** **Access** **Technologies**: Entity Framework 6.3/6.0/5.0, LINQ, LINQ to objects, ADO.NET
* **UI** **Technologies**: HTML5, bootstrap 3.0, typescript 2.0/2.1/3.1, CSS3, XML, JavaScript, Angular 16/12/8/6/5/4/2.2/1.2, React JS, REDUX, jQuery, Knockout Js, Node.Js, KendoUI, VBScript, ASP, PHP
* **IDE**: Visual Studio 2023/2019/2017/2015/2012/2010.
* **Design** **Tools** **and** **Languages**: UML, Visio 2016
* **Reporting** **Tools**: Crystal Reports, SSIS, SSRS, Tableau, Qlikview, Telerik Reporting
* **Version** **control** **and** **installation** **tools**: Visual source Safe, Tortoise SVN, MS Team foundation server, Azure Devops (On-Premise and Cloud), GIT
* **Operating** **Systems**: Windows 10/8/7/2000/XP/NT/98/95, UNIX
* **Packages**: MS-Office
* **Testing** **Tools**: N-Unit, MS Test

**Professional Experience**

**Sr. Full Stack .Net Developer**

**American Airlines, Fort Worth, TX March 2024 to Present**

**Responsibilities:**

* Worked in fast-paced Agile environments, following modern development methodologies such as Agile and CI/CD.
* Expertise in Azure Infrastructure Management (Azure web role, Worker role, SQL Azure, Azure Storage).
* Developed and assisted in migration of web application to Angular 16.0 Application. I took the responsibility of Architecture of the standalone module for the complete migration of the module.
* Involved in developing the Azure Solution and Services like PaaS and IaaS.
* Experienced in creation and configuring of Storage Accounts and Configuration of blobs, tables etc.
* Deploying Web Apps and Creating Web-Jobs, Experience in configuring Cloud Platform (Azure SQL, Service Bus and Cloud Services).
* Experience in designing the UI using HTML5 and Converting HTML template into PDF with the help HIQPDF tool.
* Involved in developing Complex queries, views and Store Procedures using SQL and T-SQL in relational databases such as Microsoft SQL server.
* Worked on Queues, Blobs, and Containers to persist data on Azure.
* Experience in developing code in C# to read and write Service bus Queues and topics asynchronously.
* Development web service using Windows Communication Foundation and .Net to receive and process XML files and deploy on cloud Service on Microsoft Azure.
* Developed an N-Tier Application and designed the Data Access Layer and Business Logic Layer using C#, MVC and ADO.NET in microservices Architecture.
* Involved in developing and Migrating Angular and MVC applications (CSHTML) in Web role to Purely HTML application in Worker role and Web jobs of trigger-based jobs.
* Utilized ADO.NET technology extensively for data retrieving, querying, storage and manipulation with LINQ using LINQ to objects and LINQ to entity.
* Experience in using Blazor for building interactive web UIs and implementing .NET 8.0 features for enhanced performance and scalability.
* Worked with Node JS as a Backend Server Technology for Making web services calls
* Expertise in MongoDB, including designing schemas, indexing strategies, aggregation pipelines, and optimizing queries for performance.
* Experience integrating MongoDB with .NET applications for handling unstructured and semi-structured data.
* Expertise with Version Control Systems like TFS-2018, VSTS and GIT.
* Involved in development of application on azure server by creating packages through Visual Studio, Power shell and Azure Portal.
* Involved in Integration test, Load test by various target environments (Integration, QA and Production).
* Ability to prioritize and multi-task while working as part of a team.
* Have created and used Winforms to create functionality in networking module
* Involved in Designing Technical Documents, and Design Documents and coordinating with offshore team
* Designed and developed web application using Angular, Blazor, ASP.NET MVC and Entity Framework.
* Used MVC architectural pattern for developing views, controllers and models using ASP.NET MVC 5, Razor, Data Access layer as Entity Framework, Service layer as ASP.NET Web API and used C#.NET for construction of business logic for developing various abstract classes, interfaces.
* Created user interfaces using HTML5, CSS3, Bootstrap 4, JavaScript, AJAX and Angular.
* Worked with advanced Concepts of ASP.NET Core MVC such as models and providers. Filters used for developing backend technology.
* Implemented business logic using MVC Action Filters like MVC Authorization filters, action filters and exception filters.
* Implemented autocomplete textbox functionality in MVC. jQuery validation and MVC unobtrusive validation were used to validate form fields, used custom error pages when needed.
* Developed and designed user interfaces in Angular.
* Improved the performance of an ASP.NET MVC application by taking advantage of the output cache.
* Designed dynamic and browser compatible pages using JavaScript and Angular.
* Implemented Angular Routing and navigation, Components, Services.
* Used Dependency Injection to promote reusable code and ease of maintenance.
* Developed and consumed RESTful web services using Web API.
* Responsible for creating the screens with table-less designs meeting W3C standards.
* Wrote and used stored procedures, Database Triggers in SQL Server.
* Used Windows Azure to deploy the application on the cloud and managed the session.
* Used TFS (Team Foundation server) for versioning and code merges.
* Responsible for production support and maintenance of software releases.

**Environment**: .Net Core, Azure, C#, ASP.Net, Web Forms, ADO.Net, Entity Framework Core, Visual Studio 2023, MVC5.2, Angular 16.0, REST, SQL Server 2015 HTML, HTML5, CSS3, DHTML, XML, XSL, XSLT, Java Script, jQuery, Knockout JS, Bootstrap 4, Node JS, Web API2, WCF, Team Foundation Server 2018, Azure Devops (Cloud & On-Premise), Bash Scripting, Unit Testing, MongoDB, SVN, GIT.

**Full Stack .Net Developer**

**Johnson & Johnson, New Brunswick, NJ Dec 2022 to February 2024**

**Responsibilities:**

* Played a vital role in the Software Development Life Cycle (SDLC) phases of requirement analysis, design, and development of a web-based intranet application tool tailored for healthcare environments, ensuring compliance with **HIPAA**, **HL7**, and **FHIR** standards. Utilized **MVC, WCF, and C#** within a microservices architecture framework.
* Created **Business Logic Layer & Data Access Layers** in **WCF architecture**, ensuring seamless integration with healthcare data exchange protocols like **HL7** and **FHIR**.  
  Developed core functionality with the **ASP.NET MVC Framework (C#.NET, ADO.NET)** while maintaining **HIPAA-compliant security measures** to safeguard Protected Health Information (PHI).
* Worked on proven design pattern, designed, and created views, controllers and models using ASP.NET MVC, C# within MS Visual Studio 2019, with a keen focus on healthcare data integrity and privacy.
* Implemented Dependency Injection Design Pattern in the presentation layer to establish loosely coupled classes, facilitating seamless integration with various healthcare-specific modules and services, thereby enhancing adaptability and extensibility.
* Good experience in Node.js (async approach, promises)
* Worked with ASP.NET MVC 5.0 View Engines like ASPX and Razor.
* Used AJAX, JQUERY and HTML with MVC views to produce rich user interface.
* Worked on JQUERY lib to post data to MVC action method.
* Developed and deployed XML Web Services (WCF) using ASP.net and C#, used them to generate the proxy class files based on the web services and consumed in web application.
* System exposes all the data/content through a MVC REST API and Windows Communication Foundation (WCF).
* Developed classes using C#.NET to improve performance and Consumed WCF services using REST / WSDL.
* Working with jQuery Ajax, CSS3, and callback Objects, Effects, and Events.
* Utilized Azure Resource Manager (ARM) templates for infrastructure as code (IaC), enabling automated provisioning and management of Azure resources, ensuring consistency and repeatability across environments.
* Implemented Azure Security Center for continuous security monitoring, threat detection, and compliance management, ensuring adherence to industry standards and regulatory requirements in healthcare environments.
* Designed and implemented the Offering Control UI using Win Forms to be used by the credit trader to manage their electronic offerings with real time updates
* Contributed in UI Development using Angular Knockout JS and jQuery.
* Created various Angular Services to make AJAX calls and custom angular directives to create own HTML tags and induce behavior to those tags.
* Experience in writing directives, services and controllers using Angular.
* Build SPA (Single Page Web Applications) using RESTFUL web services plus Ajax and Angular, Knockout JS, HTML 5, CSS3, jQuery, LESS, Bootstrap.
* Worked on creating the business logic layer and used log4net to log errors to the database.
* Used WCF Services for communicating with other application and components.
* Accessing those SQL Databases/structured streams using iScope (ADO.net like), perform data manipulation, and structure them in a format specific to the requirements in an MVC Controller.
* Used GIT Bash for configuration management. All the project codes are checked in to GIT repository.
* Presenting the work in demos to the larger team, documentation of it in OneNote, and ramping up of new hires were also part of the responsibilities.
* Written SQL Scripts, for creating database tables with foreign key relations in SQL Server 2012 using T-SQL.
* • Extensively used **LINQ to Objects and LINQ to Entities** to interact with **EHR databases** and **FHIR repositories**.
* Designed and developed several SQL Server Stored Procedures, User defined Functions, Triggers, and Views for all the DML functionality of the application.
* Implemented .Net framework and Object-Oriented Methodologies for application development.
* Developed application in Agile model and involved in daily scrum meetings. Deployed the application on test and production servers.
* Extensively used NuGet packages.
* Hands-on experience in implementing application security using Forms authentication mode.
* Involved in support and maintenance. Developed code documents and user documents.
* Worked on Team Foundation Server (TFS) for version control during development and maintenance.
* Developed test-driven development (TDD) strategy guiding use of the N-unit testing framework.
* Involved in technical support and documenting the user manual. Performed N Unit testing for system, automated and end-end testing, and prepared requirement documents for testing.
* Implemented Azure Site Recovery for disaster recovery and business continuity planning, ensuring high availability and resilience of the web-based intranet application in healthcare environments.
* Performed **unit testing and functional testing**, fixing **FHIR-based API issues** during the testing process.

**Environment**: C#, ASP.Net, Azure, ADO.Net, Entity Framework 6.0, Win forms, LINQ, Visual Studio 2019, MVC5, REST, SQL Server 2012 HTML, HTML5, CSS3, DHTML, XML, XSL, XSLT, Java Script, JQuery, Angular 12.0, Knockout JS, Node JS, Bootstrap 3, .Net Framework 4.6.2, TDD, Web API2, WCF, Team Foundation Server 2012, Unit Testing.

**.Net Developer**

**State of VA, Richmond, VA May 2020 to November 2022**

**Responsibilities:**

* Designed Truckload quoting pricing tool for sales staff to quote and price carrier and customer clients using MVC4 ASP.NET, C#, JavaScript and JQuery.
* Integrated AWS services into the Technical Planning Process, ensuring scalability, reliability, and security considerations were addressed from the outset.
* Created Technical Planning Process, architecture, and ER Diagram for the development life cycle before starting the project to have a clear vision and understanding of the full SDLC life cycle of the project.
* Implemented Custom Validation code to test the UI controls as per the business requirements.
* Wrote optimized stored procedure to load Geo lookup data and auto complete the search control.
* Designed controls to dynamically add intermediate stop and update miles using AJAX controls using JQuery and JavaScript.
* Implemented and used Web Services with the help of WSDL, SOAP to get updates from the third parties.
* Used XML Web Services using SOAP to transfer the amount to transfer application that is remote and global to different financial institutions.
* Development of Client-Side Validation techniques using JQuery and Angular directives.
* Writing Customized Deployment Process templates for deploying source bits to Dev/QA/UAT/PROD Environments using PowerShell & TFS.
* Created different business classes and interfaces using .NET Framework with Object Oriented Programming Methodology
* Developed and Consumed WCF Services/Web Services with Service Oriented Architecture (SOA).
* Customized TFS Work Item templates configured new state transitions.
* Designed the single page web application with the help of angular routing techniques.
* Sorted and filtered the data per the requirement with help of angular.
* Implemented Custom Directives, Custom filters, and performed modification to improve the performance of angular JS single page web application.
* Implementing many directives from Angular to create all the functionalities related to the user interface, creating models and controllers with the help of JavaScript.
* Working Knowledge of Model-View-View-Model (MVVM) & Model View Controller (MVC) Pattern.
* Used Http Response Exception to handle the exceptions in Web API and customized the Exceptions using Exception Filters and registered them at the Action Level.
* Developed Web Services and invoking them by using XML SOAP and WSDL for creating proxy classes. Used Web Services (SOAP, WSDL) for communicating with other application and components.
* Extensive use of Web Services, SOAP, XML, XSL to expose the reports to facilitate information sharing.
* Developed service to get a rate matrix from external trans core web service using WCF Service.
* Designed and developed Rule index matrix using C#.
* Extensive use of LINQ and Entity Framework to develop data layer.
* Extensively used LINQ to objects and LINQ to entity.
* Developed Winform application for client computer, and exposing SharePoint external content type to client machines.
* Developed SSRS reports to analyze and enhance Truckload market pricing information.
* Integrated AWS CloudWatch for monitoring application performance and AWS CloudTrail for auditing API calls and tracking user activity.
* Leveraged AWS S3 and Glacier for storing and archiving SSRS reports, ensuring efficient storage and retrieval of analytical data.
* Designed and implemented scalable pricing rule solutions using AWS Lambda and DynamoDB, enabling dynamic updates without disrupting the application.
* Effectively designed and developed optimized business solution for pricing rule which can be dynamically update, add, or delete the rules without major application change helping in the effective SDLC process.
* Responsible for maintaining versions of source code using SVN subversion.

**Environment**: C#.Net, ASP.Net, ADO.Net Entity Framework4.0, MVC4.0, SOA, SOAP, Microsoft Visual Studio 2012, Kendo UI, DHTML, HTML, HTML5, CSS3, PowerShell Scripting, JQuery, Angular JS, AJAX, LINQ, SQL Server 2012, TFS, Web forms, SSRS, SSIS, Web API, WCF.

**.Net developer**

**Wells Fargo, Santa Clara, CA. September 2018 to April2020**

**Responsibilities:**

* Developed specifications for e-Leave and e-Claims modules, integrating banking compliance requirements.
* Utilized ASP.NET Server Objects to define declarative, modular functionality, ensuring adherence to banking regulations and standards.
* Created data flow diagrams and flow charts for e-Leave and e-Claims modules, incorporating banking transaction workflows. Worked in the data modeling phase of Database design (creating ER Diagrams & data document).
* Worked on the UI design of the ASP.Net pages.
* Worked on developing Web Forms using ASP. NET, C#, SQL server.
* Created XML data and Schema Files.
* Created Win Forms tools that monitors and reports about the active directory.
* Worked on Themes and CSS for the layout of the web application
* Worked on developing the code behind classes in C#.NET.
* Used ASP.NET validation controls (Required field validator, regular expression validator, compare validator, range validator), User Controls, Custom Controls, Data Grid Web Control.
* Worked on output and data caching of frequently requested web pages and data objects.
* Created data access layer to communicate with the SQL Server Database with ADO.Net objects
* Worked in developing the component that talks to database using ADO.Net objects.
* Worked in implementing Stored Procedures call in the data access layer.
* Used ADO.NET and data objects such as Data Adapter, Data Reader, Dataset, data table, stream reader and XML Text reader/Writer for access to SQL data sources.
* Created Stored Procedures, Functions, and Triggers using T-SQL in SQL Server to insert, update, and delete data inside tables.
* Developed and implemented Stored Procedures in both SQL Server and DB2 environments, specifically tailored for banking operations, optimizing data processing and ensuring efficient transactions.
* Worked in implemented role-based security for the user groups.
* Responsible for designing the ASP.NET application authentication using the .NET Framework, Model View Controller (MVC) and IIS security models.
* Contributed to Functional Testing, User Acceptance Testing (UAT), and stress testing phases, ensuring that the banking system met functional requirements, user expectations, and performance benchmarks under various conditions.
* Performing unit testing for various modules of the system.

**Environment**: C#, Visual Studio 2012, .Net Framework, Win forms, C#, ASP.NET, ADO.NET, JavaScript, jQuery, HMML, CSS, IIS, XML, SQL Server 2012, CSS, HTML, ASP.Net Web Forms.

**.Net developer**

**Bharathi Airtel, Hyderabad, India Nov 2016 to August 2018**

**Responsibilities:**

* Served as a key member of the development team.
* Core member in designing and developing the architecture of the application.
* Involved in the database architecture of the application.
* Developed and maintained .NET-based applications using C# and ASP.NET Core.
* Wrote Unit Test cases for API Controllers using MOQ and xUnit.
* Implemented Dependency Injection using StructureMap for improved maintainability.
* Developed RESTful Web APIs using ASP.NET Core and implemented OAuth token-based authentication.
* Designed and optimized SQL Server stored procedures, views, and functions for data processing.
* Implemented asynchronous programming using Task Parallel Library (TPL) for performance optimization.
* Worked on Entity Framework Core for database interactions and LINQ for querying data.
* Developed and maintained background services using .NET Worker Services and Quartz.NET.

**Environment**: ASP .NET Web-API, .Net Framework, Entity Framework, .Net Identity, OAuth token-based authentication, SQL Server, Moq, Karma, Grunt, npm.