**Mounika**

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**Professional Summary:**

* Experience in IT industry for over 9 years, involving Software Design, Analysis, Development, Integration and Testing on client and server side (SDLC) in various domains such as Insurance, e-commerce and Finance.
* Experience as .NET developer in developing web-based applications using .NET technologies such as C#, ASP.NET MVC,

.Net Core 5.0, .NET Framework, HTML, CSS and IIS.

* Experience in working with different object-oriented programming techniques, Microsoft design patterns like Microsoft View Controller, Service Oriented Architecture (SOA), WCF and Data Transfer Objects (DTO).
* Experience using ASP.Net Core 5.0 in designing web applications.
* Experience in managing content in Sitefinity and SiteCore CMS platforms.
* Extensively created widgets and templates which are used in Sitefinity for publishing pages.
* Efficiently used Data Readers and Datasets in ADO.NET to retrieve, display edit and update the database.
* Experience on SQL Server Database Design, Analysis, and Normalization and in writing tables, Stored Procedures, Views, Triggers, Indexes and Constraints.
* Experience in database development, in creating complex Stored Procedure, Views, Triggers using PL/SQL, T-SQL and performance tuning in SQL Server 2019.
* Extensively used OAuth for authentication of web application.
* Designed from the ground up to be incrementally adoptable by the using of Vue.JS and Python.
* Proficient developing applications using MVC, Blazor server - side and WEB API with Entity Framework.
* Designed middle layer for generating token and doing auth validation for Web API applications.
* Experience in implementing client-side JavaScript, JQuery, proficient in HTML, CSS.
* Extensive Experience of LINQ and ORM technologies like Entity Framework 6.0/5.0/4.3, Database First, Code First and performance tuning in Entity Framework.
* Worked with Angular 4/6/8/10 routing, Lazy loading and React(JSX) Forms to develop the client side application.
* Experience in creating reports using SQL Server Reporting Services (SSRS).
* Experience on Waterfall, SCRUM, and Agile software development approach.
* Extensively Used Ninject to create interfaces and injecting into controllers.
* Extensively used serilog and Log4net for logging in web applications.
* Experience in developing web application using MVC architecture and report generation using SSRS.
* Extensively used Red gate tool for maintaining, versioning SQL server databases.
* Worked with jQuery and JSON for the retrieval of data.
* Extensively Used SSIS, SSRS tools for designing packages and generating reports using SSRS.
* Experience in creating cubes using SSAS.
* Experience in Single Page Applications (SPA) framework for creating efficient and interactive web applications that work across all popular browsers using Angular JS.
* Experience in writing DAX queries.
* Extensively worked with Kendo Grid UI.
* Experience in deploying applications to QA, UAT, and production environments.
* Experience with Unit testing, Integration Testing and Functional Testing.
* Experience with Bug Tracking, Encryption and Security Skills.
* Excellent communication skills; can work in groups or independently and am able to handle multiple tasks.
* Strong analytical skills, proven ability to learn quickly and apply technologies.
* Well organized and willing to work hard to fulfill the given responsibilities to my maximum level.
* Hands on experience in Azure Development, worked on Azure web application, App services, Azure storage, Azure SQL Database, Virtual machines, Fabric controller, Azure AD, Azure search, and notification hub.

# Professional Experience:

**Born Group, New York, NY May 2019 – Present**

**Senior Full Stack .NET Developer Key Role & Responsibilities:**

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* Utilizing .NET Core, ASP.NET, RESTful services following Command Query Responsibility Segregation (CQRS) pattern
* Extensively used LINQ and ORM tools like Entity Framework to exchange data between web applications and database objects. By using Entity Framework Code First Migrations I could accomplish this task in a relatively easy way.
* Related Azure Web Application projects updated and deployed ASP.NET Web apps, Web Jobs using visual studio, GitHub and Azure Resource Manager.
* Experience of process and transform data by running SQL scripts on Azure.
* Experienced in developing and consuming Web Services and n-tier web applications using ASP.NET, C# and ADO.NET
* Implemented Authentication and Authorization in ASP.NET web forms, ASP.NET MVC and Angular JS.
* Designed and Developed WebApi's for Microservice's.
* Implemented Dependency Injection, Entity Framework 6, Token based authorizations and Resource based authorizations.
* Designed and developed various abstract classes, interfaces, classes to construct business logic using C#.NET.
* Used Vue.JS for implementing the open source Java script framework for building user Interface.
* Created event driven Web Forms using ASP.NET and implemented form validation using Validation controls and Custom validations and JQuery was written for Client-side validations.
* Effectively used ASP.NET security infrastructure for authenticating and authorizing user access as well as performing other security related tasks using C#.NET.
* Leveraged CQRS design pattern in the application to create a highly responsive system.
* Worked on Swagger UI for testing the restful services.
* Created Cache Memory on Windows Azure to improve the performance of data transfer between SQL Azure and WCF services.
* Used Multithreading to execute multiple tasks in application.
* Used both TFS (for UI layer) and GIT (for services) for source code management.
* Root cause analysis and fixing the Windows / IIS Web Server Related issues.
* Leveraged JQuery for page scripting, AJAX calls and JSON and XML for passing objects from Controller to View and vice versa.
* Implemented Test Driven Development (TDD) using the NUnit Framework for unit testing and ability to load, explore and execute tests.
* Created Mock-up designs and developed various functionalities with JavaScript, Angular 10 and JQuery.
* Used custom error handling in Web API to pass proper error message rather than generic error message to better understand the error.
* Developed localization APIs which stores the translated data in Azure and SQL tables.
* LINQ was extensively used in view extension to parse out unnecessary information and to make call to SQL database.
* Effectively created easy to use, reusable controls and integrated them into ASP.NET web pages.
* Used various ASP.NET web server controls that included Site Map Path, Menu, Tree View, Grid View and Details View to develop Web Forms.
* Used JQ-Grid View, Data List with Paging and Sorting for displaying various data on to the page.
* Effectively used JQuery, a concise JavaScript Library, for traversing HTML document, event handling and AJAX interactions.
* Developed ASP.NET Web API Controllers that involved in implementation of service layer components and data object layer components using ASP.NETMVC Web Application.
* Consumed different ASP.NET Web API’s to retrieve customers’ information and other application related information
* Creating Containers by Docker's for Microservices
* Fully experienced in deploying, configuring and maintaining the web sites and services on IIS 7.0 with and without secured socket layer.
* Extensive use of LINQ and Entity Framework to develop data layer.
* Used Enterprise Library Framework to customize the application based on the behaviors.
* Extensive use of Web Services, XML, XSL to expose the reports to facilitate the information sharing.
* Involved in Data Modeling, Database Design on SQL Server 2005 and responsible for writing Complex Queries, Stored Procedures, User Defined Functions, Views and Triggers.
* Used ADO.NET and data objects such as Data Adapter, Data Reader, Dataset, Data table, and XML Text Reader Writer for consistent access to SQL data sources
* Designing and Implementing Interfaces and Classes using Object Oriented Programming Structure and Design Patterns.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Experience in configuring Azure Web Apps, Web roles, Worker roles, Azure App Services, Azure application gateway, Azure DNS, Azure Traffic Manager, Analyzing Azure Networks with Azure Network Watcher, Implementing Azure Site recovery, Azure backup and AZURE Automation.
* Designing and Developing Enterprise Framework Assemblies for Data Access, Exception Handling, Logging and Session Management etc.
* Extensive use of Web Services, WCF Services and protocols.
* Designed and implemented Data access layers using LINQ for XML Data
* Implemented Unit Testing, Integration Testing and System Testing using NUNIT.
* Worked extensively on implementing Automated Unit tests for this application.
* Worked on Agile SDLC, SCRUM Methodology to practice-based methodology for modeling and documentation of software-based systems.

**Environmen**t: .NET Core, MVC, Web API, C#, LINQ, AWS, ASP.NET, Entity Framework Core, Jenkins, Veracode, SonarQube, Docker, Kubernetes, SQL Server, Bootstrap, Angular10, ReactJS, TypeScript3.1, NodeJS, Rally, JIRA, Visual Studio 2019, VS Code, Postman

# Duke Energy, Charlotte, NC February 2017 – April 2019 Fullstack .Net Developer

**Responsibilities:**

* Interact with client stakeholders to elicit requirements for the work product.
* Estimated the user stories and translated application storyboards and use cases into functional.
* Developed sub-applications using ASP.NET MVC with Razor syntax, C#, AJAX, jQuery, JSON, HTML5, CSS.
* Extensively used Classic ASP .NET and SQL to develop client requirements to maintain standards.
* Developed cross-browser/platform HTML, CSS, and Java Script and angular to match design specs for complex page layouts while adhering to code standards.
* Expertise in using SOAP/REST Services, used different bindings to make it available for different clients.
* Worked on building & deploying Java code through Jenkins, used Jenkins Amazon Web Services (AWS) Code Deploy plug-in to deploy to AWS and worked AWS Cloud management.
* Created complex SQL queries, Stored Procedures, Views, Triggers, and Functions for database.
* Tested the developed application, unit testing for various use cases and documented the results for getting approval from business users.
* Supported Operations team during the deployment and troubleshooting the production issues during deployment and on regular basis.
* Developed Angular JavaScript framework for web applications which is highly efficient to use with Restful APIs.
* Worked with PAF services migration to Azure key vault.
* Created and maintained cloud application, migrated on premises application servers to Azure.
* Participated weekly meetings with the project sponsors to meet expectations and deadlines.
* Expertise in writing Automation scripts in Selenium using Java/.NET programming language.
* Expertise in working with JIRA to do Mapping.
* Participated in estimations by interacting with end user and analyzing complexity of the application while redesigning legacy application by using latest technology stack (C#, Entity Framework, MVC, and WCF, Angular).
* Involved in developing applications in C# to meet the business requirements using Visual Studio.NET.
* Used the Object-Oriented Programming (OOP) techniques and created classes (in C#.NET) for database access.
* Involved in the creating of database objects like tables, stored procedures and indexes using SQL Server.
* Built a data access layer in C# using ADO.NET to connect and access the SQL Server database.
* Extensively worked in developing Stored Procedures and Functions in Oracle.
* Used ADO.NET extensively to interact with SQL Server and Oracle Writing Stored procedures for SQL Server and Oracle.
* Reengineered the existing Application using ASP.NET MVC and Entity Framework for referring individuals to forms within a network.
* Used LINQ to Entity Framework using lambda expressions for communicating between business layer and database.
* Designed and developed different modules of the application using C#, ASP.NET, ADO.NET LINQ, WCF, ASP.NET MVC.
* Programming application using .NET Core and AWS lambda API.
* Worked on Visual Studio / .NET CORE Framework to implement Business Logic.
* Designed and developed Logging and Monitoring for Microservices.
* Designed and consumed XML Web Services using Microservices.
* Designed Frontend with object-oriented JavaScript framework like Angular.
* Used AJAX Library, CSS, JavaScript, and various web controls to present data to users in a much comfortable environment.
* Used jQuery a concise JavaScript Library for traversing HTML document, event handling and AJAX interactions.
* Used JavaScript, jQuery and AJAX for client-side validations and scripting in the Web Pages.
* Create Custom layout using Kendo UI, jQuery UI, and bootstrap.
* UI design, UI controls using Angular Material framework.
* Used various bootstrap components like accordion, date picker, time picker, alert, buttons, model, and react- bootstrap components.
* Used React flux to polish the data and for single directional flow.
* Presentation layer (GUI) application has been created using MVC Razor View, ASP.NET, MS Visual Studio, and HTML.
* Tasked with installation, configuration, usage and management on AWS, Jenkins, and GIT for application servers.
* Experienced in writing scripts to perform continuous build and integration of .NET applications using Jenkins.
* Integrate Azure Active Directory for all user authentication/authorization and organization profiles.
* Created a script to add indexes to SQL Azure tables.
* Utilized TFS (Team Foundation Server) for coordinating with other team members throughout the project’s life cycle and composed the specialized documentation to the modules.
* Adopted MongoDB for data storage, designed different schemas and data access services to communicate with MongoDB.
* Worked with the Linux admin team to set up, configure, initialize, and troubleshoot a Cassandra cluster.
* Have knowledge on partition of Kafka messages and setting up the replication factors in Kafka Cluster.
* Designed and built an enterprise-wide asynchronous message processing service using .NET and Rabbit MQ.

**Environment**: ASP.NET 4.5/5.0, C#, LINQ, Web API, MVC3/4, SQL Server 2014, Team Foundation Server, Visual Studio 2017, HTML 5, CSS3, JavaScript, AJAX, Angular 8, Docker, Azure

# State Farm Insurance – Bloomington, IL June 2015 – December 2016

**.NET Developer**

**Responsibilities:**

* Developed and Designed Solutions using Agile Software Development Methodology (Grooming Story, Daily Standup Meetings and Retrospective Meeting)
* Experience in developing and implementing web applications and web sites using HTML5, CSS, JavaScript, and web browsers.
* Designed and developed different modules, classes using C# and Designed GUI Part with .NET.
* Designed and developed user interfaces using ASP.NET MVC Partial Views and multiple interfaces to transfer the data into different servers.
* Developed Multiple Presentation Layers with several user controls using Tools and Web controls Hosted in ASP.NET, VS.NET, C#, XML and XAML.
* Experience in Crystal Reports, Reporting Services for MS SQL Server, and SQL Server Agent.
* Studied the flow specifications and was responsible for the development of the SSIS packages.
* Used Team Foundation Server (TFS) for integration, maintenance Security of code.
* Created Stored Procedure(s), Views, and Triggers in SQL Server for updating and display of data.
* Deploying the application on the production server by creating the Web Setup project in .NET.
* Developed dynamic ASPX web pages for Application using ASP.NET, C#.NET, XML, XSL/XSLT, HTML5, JavaScript.
* Extensive experience in developing .NET framework applications using C#, ASP.NET, ADO.NET, VB.NET, ASP.NET, MVC, Web services, WSDL, WCF, Web forms, Win forms and AJAX
* Worked in developing Interfaces, Coding and debugging using ASP.NET and C#.
* Used ADO.NET to access data from MS SQL Server.
* Actively used cursors, functions and calling procedures from one package to another package and created dynamic SQL statements in Oracle using PL/SQL and ADO.NET.
* Used ADO.NET objects such as Dataset and Data Adapter, for consistent access to Oracle.
* Worked with entity framework to connect database and web application.
* Data retrieval and manipulation using SQL Server and Entity Framework.
* Implemented the module to print the clearance and regular tickets using the following skill sets - C#, .NET, MVC3, Entity Framework, Enterprise Library, SQL, and LINQ.
* Used Async and Await in Asp.NET Core web API methods.
* Developed personal care module of the application using C#, ADO.NET LINQ, ASP.NET MVC. Implemented Partial Views and Editor Templates in MVC.
* Implemented ASP.NET MVC pattern mechanism to display product catalogs and categories.
* Developed RESTFUL Web API using ASP.NET Core.
* Developed some dynamic dictionaries using C#.NET, .NET Core for easy lookups of item dimensions values which results in faster performance.
* Consumed Docker's to develop Container's for the Microservices. Designed and Developed Container Management Rancher to publish Containers.
* Development of ERP solution using architecture and Microservices.
* Used JavaScript, jQuery and AJAX for client-side validations and scripting in the Web Pages.
* Used jQuery library to apply auto-complete functionality on asp.NET textbox controls.
* Responsible for building the UI for the transaction flow portal using Kendo UI, MVVM, and Ajax
* Used jQuery for traversing HTML documents, event handling and AJAX interactions.
* Dynamic generation of HTML reports using string builder and export as excel files.
* Designed web forms using Master Pages, CSS, skins, and themes. Worked on .NET framework/Visual Studio.
* Deployed and configured Git repositories with branching, forks, tagging, merge requests, and notifications. Scheduled automated nightly builds using Jenkins.

**Environment:** Visual Studio 2015, C#, IIS 6.0, SQL Server 2014, Microsoft Visio, Microsoft Office, Microsoft Project Professional, TFS 2010. GitHub, etc

# Prokarma, Omaha, NE April 2014 – May 2015 Software Engineer

**Responsibilities:**

* Involved in designing the layout of User interface using Visio and Class diagrams using UML.
* The Presentation Layer is implemented in ASP.NET with HTML, Cascading Style Sheets (CSS) and Web Controls. The Web Forms are developed utilizing the C#.
* Implemented Data Access Layer using ADO.NET to connect and retrieve or manipulate database information.
* Data grid, Datasets were used extensively to display various SQL Server elements and allowed real time updates.
* Displayed data in tabular form based on the criteria selected using Data Grid controls and dynamically loaded data in controls using the server events.
* Used AJAX for Partial Page Updating, Invisible Data Retrieval, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality
* Created T-SQL Stored Procedures, Functions, Triggers and views in SQL Server to interact with database.
* Designed the complete solution using N-tier Architecture model and design patterns mainly Abstract Factory and Singleton.
* Worked on Agile SDLC, SCRUM Methodology to practice-based methodology for modeling and documentation of software- based systems.
* Implemented features of ASP.NETAJAX such as Calendar Controls, Repeater Control, and Validation controls, Dataset, Security using forms authentication.
* Designed different components using C# language and used Exception handling, Error providers to handle exceptions.
* Designed Master Pages for look, feel and standard behavior to centralize the common functionality of all the web pages.
* System Administration with ADS, IIS, FTP and Proxy.
* Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in SQL Server using T-SQL.
* Generated Monthly and quarterly Reports as bar charts for the management using different techniques like data filtering, adding, interactivity using SSRS
* Worked on Team Foundation Server (TFS), creating and managing projects and accessing the items.
* Completely involved in debugging by using Firefox Firebug, Fidler and IE Developer toolbar.

**Environment**: .NET Frame Work 3.5, MS Visual Studio 2010, C#, ASP.NET, ADO.NET, SQL Server 2008, SSRS Reporting Services, CSS, XML ,WCF,WPF, jQuery, JavaScript, MVC, Windows Servers 2008, VSS, Ajax Toolkit Controls, SOAP/WSDL.