**SNEHA D**

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**Full Stack Developer(React Js)**

**Professional Summary**

* 8years of IT experience in Analysis, Design, Development, Implementation, Testing, maintenance of Client-Server and Backend and Web-Based Applications using N-tier Architectures with Microsoft technologies, following Agile/Scrum development methodologies.
* Experience in developing applications under .NET Framework using Full Stack ASP.Net, C#, SQL Server, WCF Services, Web API RESTful Services.
* Extensive Experience in Implementing View, Model, Controller and View model by using ASP.Net MVC Framework 5.0/4.0/3.0.
* Experience in designing User Interface using AJAX, HTML, CSS, XML, and other Third-party Controls (Telerik Controls) to enhance the performance, looks and features of the website
* Extensively used Object Oriented Programming Principles (OOPS) principles like Inheritance, Polymorphism and developing applications using design patterns like MVVM, MVC 3/4, Abstract Factory and Singleton.
* Experience on working with Windows Communication Foundation (WCF), WebAPI2 in .NET 4.6.1/4.5/4.0/3.0.
* Developed back-end components and Expertise in writing connection logic to connect to third- party Web Services using Node.js.
* Experienced developing REST API's using ASP.NET Web API 2, handling HTTP requests and send HTTP response with serialized JSON data.
* Working experience on developing Front-End based ReactJs, React Redux, React Hooks, Angular Js, applications, creating custom directives, services, used Bootstrap libraries for the CSS.
* Extensively worked on WCF and Web Services to provide SOA architecture and Configuration based activation applications on SOAP and REST protocols.
* Collaborated Node.js with frontend React and .NET to design and implement efficient communication protocols and data exchange formats, ensuring smooth integration between frontend and backend layers.
* Exposure to all the stages in SDLC gathering requirements, software design, and development and testing/support using Microsoft Technologies and Azure Cloud Computing.
* Excellent experience in creating, consuming, and publishing XML Web Services (SOAP, WSDL) using .NET Framework and solid understanding of Service Oriented Architecture (SOA).
* Expertise in creating web-based application using technologies like Classic ASP, AJAX Toolkit, XML, HTML 5/4 and DHTML.
* Stayed updated with the latest ES6 advancements and contributed to the adoption of new features within the development team.
* Expertise in Microsoft Azure Cloud Services (PaaS & IaaS), Application Insights, Document DB, Azure Monitoring, Key Vault, Visual Studio Online (VSO) and SQL Azure.
* Worked extensively with ADO.NET Entity Framework, ADO.NET objects such as Data Adapter, Dataset, and Data Reader to interact with databases like SQL Server and Oracle providers.
* Proficient in T-SQL Queries, Views, Joins, Functions, SQL Stored Procedures, Database Triggers, Cursors, Performance Tuning and Query Optimization.
* Experience in developing Custom Reports in multiple formats using SQL Server Reporting Services (SSRS) and Crystal Reports.
* Experience in deploying, configuring, and maintaining Web Applications and Services on IIS.
* Experienced in Documenting, Preparing Test Plans, developing Test Cases and Testing (Unit, System, Integration, User Acceptance and Regression testing)
* Experienced in using kendo Framework for data analysis reports using Kendo grids, graphs, charts, etc.

**Technical Skills**

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| **Programming Languages** | ASP.Net, C#.Net, VB .Net (Framework 2.0, 3.5, 4.0, 4.5, 5.0) |
| **Design Pattern** | MVC3, MVC 4.0, MVC 5, MVVM |
| **Design and Modeling tools** | Enterprise Architect (EA), Microsoft Visio, Entity Framework |
| **Reporting Tools** | SQL Server Reporting Services (SSRS) 2008, 2008 R2 |
| **RDBMS** | MS SQL Server 2008/2012/2014/2016, MS-Access |
| **ETL** | SSIS 2008/2012 |
| **Web Services** | WCF, REST, SOAPUI, TCP/IP, WEB API |
| **Development tools** | Visual studio 2017/2015/2013/2010/2008/2005/2003 |
| **Version control** | Visual Source Safe, Team Foundation Server, GIT, SVN |
| **Web Development** | HTML, VB Script, Java Script, CSS, ES6, AJAX control toolkit, jQuery, Win Forms, and Web Forms, Angular JS, Type Script, Javascript, ReactJS, and Log4Net, Telerik/Infragistics. |
| **Others** | Unit Testing, MS TESTING, Agile (Scrum), Waterfall |

**Professional Experience**

**.NET Developer**

**State of Wisconsin, Madison, WI March 2022 to Present**

**Responsibilities:**

* Working as a .Net Developer in the team for designing and developing the application using C#, .Net Core, MVC, Micro Services and SQL Server.
* Responsible for developing the Data Access Layer (Model) using ADO.Net Entity Framework Model, LINQ to Entities, and C#.
* Developed the application using C#, ASP.NET MVC, MVC5, Java Script, JQuery, JSON, AJAX, WCF, REST WebAPI, Entity Framework 6 and SQL Server 2012. Using .NET Framework 4.6.1.
* Responsible for UI development using HTML, Bootstrap, CSS, JavaScript, J-Query
* Deploying, monitoring, and optimization of .NET services.
* Collaborating with software development team to ensure infrastructure conformity with application features and functionality.
* Experience in Azure Platform Development, Deployment Concepts., hosted Cloud Services, platform service and close interface with Windows Azure Multi-Factor Authentications
* Created and developed UI components within single page application (SPA), by using ES6, React.js, Redux store and SQL Server 2014.
* Used Cloud computing platforms like Microsoft Azure for building, deploying and managing applications and services.
* Developed front-end applications using ES6 features like arrow functions, template literals, and destructuring.
* Implementing microservices using .net core in Azure.
* Designing and implementing server-side RESTful web services using Node.js programming language.
* Using Kotlin for implementing new modules in the application.
* Designed and Developed AWS Lambda to monitor SNS topic / S3 bucket which continues to receive the files from FTP using Control-M batch job
* Worked as ReactJS and NodeJS developer to design, develop, test and maintain features of card shop application.
* Worked in building React Components for the React application and used React Hooks, Forms, Events, React Router, Flux and native React concepts.
* Worked exclusively on the frontend developing/updating pages using UI libraries like React.js (Including Hooks and Redux)
* Design, develop and build application using React and Redux consuming the payloads received from the ASP.NET Web API Core 2.0. Design software or customize software for client use with the aim of optimizing operational efficiency; must utilize approved Software Development life cycle methodology.
* Good understanding of ReactJs and its essential principles
* Good understanding in react and redux architecture and Virtual DOM. React-router, middleware (saga, thunk), JSON, GraphQL, Apollo Server for client and server
* Developed web Application using C# (4, 6, 7, 8), ASP.NetMVC5, Razor View Engine, Entity Framework, LINQ, HTML, CSS, JavaScript, Ajax, JSON, Bootstrap (4), Kendo and jQuery.
* Involved in developing restful APIs using Asp.Net and Asp.Net Core (2.0) Web API.
* Integrated Geoserver with ReactJS applications to visualize and interact with geospatial data.
* Implement responsive and user-friendly interfaces for geospatial data visualization and manipulation.
* Defined variables for colors, fonts, spacing, and other design properties using SCSS.
* Used mixins to encapsulate reusable sets of CSS declarations, reducing redundancy and improving code readability.
* Developed reusable and optimized .NET components using VB.NET.
* Configured Microsoft portal from MicrosoftDynamics365.
* Developed web controls using ASP.NET and VB.NET.
* Developed web applications using C#.Net, ASP.NETMVC, ADO.NET, HTML, CSS, JavaScript, and Visual Studio.
* Developed ASP.NETMVC 5 applications using Code First Approach in Entity Framework and UI in Razor View Engine.
* Developed and integrated Node.js-based microservices with existing .NET applications to enhance scalability and performance.
* Implemented RESTful APIs and GraphQL endpoints in Node.js to facilitate seamless communication between React frontend components and .NET backend services.
* Experience in using React JS components, Forms, Events, Keys, Router, Redux, Animations and Flux concept.
* Integrated Recharts ReactJS library for building responsive and customizable charts and graphs.
* *Integrated React-Leaflet ReactJS library for integrating interactive maps into applications*
* Good knowledge in developing applications using MicrosoftDynamics365.
* Involved in developing and consuming Web Services and n-tier web applications using ASP.NET, C# and ADO.NET.
* Architected and implemented application with C#, ASP.NET 4.6, jQuery, AJAX, HTML5, React Js and CSS3.
* Maintained states in the stores and dispatched the actions using redux.
* Develop Business logic using ASP.Net, MVC and C#.Net, Entity Framework.
* Upgraded the project solution to the latest .net core version and prevented memory leaks in the application.
* Coding the web applications using C#.net, Entity framework, .Net Core and Microsoft enterprise libraries.
* Developed and tested new Facility site (Angular project using redux pattern with NgRx and .NET core micro services backend).
* Worked on ReactJS. Good understanding on how their act library works including JSX, Flux architecture, Redux, Axios, life cycle of components, DOM diffing and Virtual DOM.
* Implement and extensively use the Object-Oriented programming concepts in C# and ASP.Net.
* Involved in the Software Development Life Cycle (SDLC) Phases - Requirement Analysis, Implementation and estimating the timelines for the project.

**Environment**: .*NET Framework 4.6.2, ASP.Net MVC, C#, Visual Studio 2015, ADO.NET, IIS 8.5, GitHub, Azure, Web Services, XML, SQL Server 2012, JIRA, SharePoint 2013, SSIS, CSS, HTML, ES6, Angular JS, Ajax, Shell Scripts, JavaScript, J-Query, MicrosoftDynamics365(CRM), Kotlin, React.js, Redux, SCSS, Recharts, React-Leaflet, Node.js, SASS, Web pack, Express.js, .Net Framework 4.0/4.6, .Net Core*

**Full Stack.NET Developer**

**Morgan Stanley, Chicago, IL May 2020 to Feb 2022**

**Responsibilities:**

* Involved in developing applications in VB.NET and .Net Framework 5.0 to meet the business requirements using VisualStudio.NET2015
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using VB.NET.
* Created and developed UI components within single page application (SPA), by using ES6, React.js, Redux store and SQL Server 2014.
* Initiated various application environments including Azure, AWS and on premise
* Created Web Forms using ASP.NET and implemented form validation using Validation controls using both Custom validation and JavaScript was written for Client-side validations.
* Developed UI components using ASP.NET and C#.
* Implemented XML Web Services in C# based on SOAP protocols using XML and XSLT extensively for data transfers.
* Used Micro service architecture, based services interacting through a combination of REST and leveraging AWS to build, test and deploy Micro services.
* Developed Responsive Web pages that are rich in user interactive using React.js.
* Involved in complete application stack in Amazon Web Services (AWS) like EC2.
* Used WPF Routed events and Commands.
* Worked on ReactJs views, rendering using components which contains additional components called custom HTML tags.
* Utilized ES6 modules to organize and manage JavaScript codebase for improved maintainability.
* Implemented Promises and async/await syntax to handle asynchronous operations effectively.
* Design and Implement Database Schema data and build stored procedures on SQL Azure.
* Worked with React Hooks, HTML5, CSS3 and ES6 for developing UI interfaces which are mobile responsive which are cross browser compatible.
* Utilized Node.js to manage dependencies, automate tasks, and streamline the build process using tools like npm or Yarn, in conjunction with React and .NET.
* Implemented ASP.NET, Telerik, Angular for Portfolio Central UI
* Developed the IOS and Android mobile application using the React Native Framework and JavaScript ES6 is used to create the components like carousel, switch and state management is done using the Redux.
* Utilized ES6 features such as spread/rest operators for efficient data manipulation and function parameter handling.
* Migrated SQL Server 2008 database to Windows Azure SQL Database and updating the Connection String
* Involved in .NET applications development using React framework.
* Worked on application development with .NET core.
* Experience in working with C#, .Net Core, ASP.Net, ReactJS, Node.js, RequireJS, Web pack, Gulp, and Bootstrap 3 and 4.
* Involved in .NET applications development using Micro services. Created REST API using .NET Micro services Architecture to extract data from database layer and transmit transformed data to front-end.
* Implemented authentication and authorization mechanisms in Node.js to secure APIs and ensure data privacy, complementing .NET Identity or other authentication libraries used in the stack.
* Developed robust Single Page Applications (SPA) based on client-side JavaScript framework React for employing ASP.NETMVC and Web API.
* Developed Responsive Web pages that are rich in user interactive using ReactJS, HTML5, and CSS3, JavaScript, jQuery Bootstrap.
* Used Windows Communication Foundation (WCF) methodology to implement the web services. Developed and consumed WCF Web Service to access data layer components.
* Design short forms to support business logic using web API’s.
* Developed ReactJS/. NET web application using JavaScript, ASP.NETMVC 5, C#, Visual Studio.
* Key Role in resource management for multiple sub processes.
* Daily communication with client, through Daily sync up Calls.
* Handling multiple projects in one sprint. Supporting two different teams

**Environment**: *.NET Framework 4.5, C#, MVC, ASP.NET, MVC, Web API, Entity Framework, Azure, Visual Studio 2015, SQL Server 2012, MS Test, TFS, IIS, Web Services, HTML, Es6, Node, XML, XSL/XSLT, CSS, Bootstrap, JavaScript, JSON, AJAX, ReactJS.*

**.Net Developer**

**Cummins Columbus, Indiana Sep 2018 to April 2020**

**Responsibilities:**

* Followed the standard for Software Development Life Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Actively participated in Scrum meetings of the project implemented in agile methodology.
* Developed and supported the application using ASP.NET CORE MVC with Razor syntax, C#.NET, AJAX, JSON, HTML, JavaScript, Bootstrap and CSS.
* Independently worked on developing document handler using the HTML5.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for ASP.NET CORE MVC application.
* Involved in enhancing the application for client's requirement based on demand using the MVC pattern, Bootstrap, and Web API and SPA Application using ReactJs.
* Create and modified Oracle database tables, create or modify table constraints and create indexes.
* Created SSIS package which pulls data from SFTP Server and pushed into SQL Server periodically. It uses the C# with .Net core 3.0.
* Created Micro service which does the All CRUD operations against Kronos Data using .Net Core 3.0 and followed the MVC architecture.
* Created Database in MS-SQL Server and Created Tables with all required constraints, written stored procs, user defined functions like split function based on delimiter, triggers and views.
* Build and deployed ASP.NET Core application to Azure Cloud Service.
* Involved in creating web pages using React Js, JavaScript, HTML 5.0 and CSS.
* Employed ES6 features like default parameters and object literals for cleaner and more concise code.
* Integrated feedback and contact forms React.js form libraries to allow users to submit inquiries, suggestions, and feedback. Maintained state using React Redux.
* Used CSS Frameworks like Bootstrap, where it will make sure the application's compatibility across various devices and screen sizes.
* Utilized React Router for client-side routing, enabling smooth transitions between pages and sections of the portal
* Implemented Token-Based Authorization for Web application and REST for better security by employing the OAuth2.
* Created the Editor and Display templates for MVC controls.
* Consumed Azure web services and managed deployment through cloud platform.
* Work in progress on POC to migrate to Windows Azure to address scalability and performance issues.
* Used Master Pages, shared layouts, CSS& Themes for the consistent look of the application.
* Created View models to encapsulate all models and classes used on the different views for a more organized, structured, and clean code.
* Performance tuning of Oracle Databases and User applications.
* Involved in prioritizing the issues and identifying the root cause analysis and bug fixes.
* Provided efficient error handling to the SSIS packages.
* Developed test-driven development (TDD) strategy guiding use of the N-unit testing framework.
* Used Team Foundation Server (TFS) for continuous integration and version control.
* Used Fiddler to debug web request and responses to solve user issues on the client side.
* Reviewed code to ensure that all the Processes and Standards are being ensured that correct implementation of requirements, coding standard, project architecture, and efficient code writing techniques.

**Environment**: *C#, ASP.NET CORE, N-unit, .Net CORE 1.0, SQL 2014, React Js, , Redux, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), AZURE, Oracle, MVC, Node, SOAP Web services, XML, OOP, WCF, REST, HTML 5, Web API.*

**.NET Developer**

**Dhruvsoft Services Private Limited, Hyderabad, India January 2017 to June 2018**

**Responsibilities:**

* Involved in development life cycle, from design phase to implementation phase, testing, and deployment.
* Followed Agile Methodology to produce high Quality software and satisfy the customers.
* Involved C# .NET, ASP MVC, Razor, XML, HTML5, CSS3, HTML/CSS, JavaScript, SOAP, and REST APIs.
* Used Model View Controller Architectural Design Patterns for the development of the product.
* Implemented Client-side validations using Data Annotations.
* Designed and developed the user interface for various tools and implemented ASP.NET validation controls, JavaScript, CSS for server and client-side validations, respectively.
* Made full use of .NET object-oriented features (C#), event handling, error handling, caching, and security feature.
* Developed Web Services which can be used by number of clients in getting useful data.
* Designed, coded, and modified applications by using ASP.Net.
* Used LINQ and ADO.NET for developing data access layer.
* Worked with data migration. Used tools like MS SQL Server in transferring data from one database to another.
* Created Database objects like Tables, Stored Procedures and Triggers in MS SQL Server.
* Used ADO.NET objects such as Data Reader, Data Adapter and Data Set to object data source fetch and handle user data. Provided codes to perform Unit Testing.
* Deployment of Application on Test and Production server.
* Responsible for maintaining versions of source code using Team Foundation Server.

**Environment**: *C#, ASP.NET, MVC, HTML5, CSS3, Visual Studio 2012, SQL Server, JavaScript, TFS, LINQ to SQL and Windows Server.*

**.NET Developer**

**Ceequence Technologies Hyderabad, India April 2016 to Dec 2017**

**Responsibilities:**

* Interacted with end users and Business Analyst to create low level technical design document.
* Involved in Database Design, System Analysis, design and development.
* Used the ADO.NET for the Data Access from the Database.
* Created UI screens using ASP.NET web forms and user controls.
* Created the Queries to access the data from the SQL server as the backend.
* Coordinated with offshore for the multiple version releases for this product.
* Created the Patch (C#) for the unsupported product errors. Fixed three main production bugs using this patch.
* Wrote PL-SQL queries with Joins on multiple tables, Stored Procedures, Functions, Triggers, Indexes using T-SQL and LINQ using Oracle.
* Interacted with the client - Support team, and clarified their queries about the product.
* Created the FAQ document for the client support team.
* Involved in the Install shield Creation and fixed the production issues.
* Responsible for the Deployment and Delivery of the product in the client environment. Contributed in design and development of database.
* Created ASP.NET User Controls and Components to reduce the complexity of user interface design.
* Configured global. Sax and Web.Config for setting the Application and Session variables
* Created security features for this application using windows-based authentication.
* Used agile development methodology by welcoming changes even late in the development cycle.

**Environment**: *C# .NET, ASP.NET, WEB API, Java Script, jQuery AJAX, ADO.Net, MySQL.*