**Suneel Sai Patibandla Email:suneelofficial.net1993@gmail.com**

**Sr .NET Full Stack Developer PH: 260-667-9499**

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**Professional Summary:**

* Over 10+ years of experience in **Microsoft .NET** applications using C#, **ASP.NET**, **ADO.NET**, **Web Services**, **Web Forms, Win Forms, MS SQL Server 15.0/16.0, Bootstrap 4.6.2/3.4.1,** and **Angular 1.3/1.4/1.5/1.6/2.0/4.0/5.0/10.0 and 11.0, TypeScript 2.0/2.1/4.0 & Web API 2.0.**
* Designed object-oriented web applications for client-server applications using **Angular 4, Bootstrap, CSS 3, and**
* Experienced working on ASP.NET core and developing Microservices using ASP.NET core.
* Managed and coordinated cross-functional teams throughout the **full life cycle of application** development, ensuring seamless collaboration and timely delivery of high-quality software solutions.
* Proficient in all phases of the **Software Development** **Life Cycle (SDLC)** in **Waterfall** and **Agile Methodologies**.
* Strong understanding of **N-Tier Architectures** such as **MVC (Model View Controller), MVVM (Model View, View Model)** in applications**.**
* **Proficient in developing interactive web applications using Blazor.**
* Utilized design patterns such as **MVC** (Model-View-Controller), **MVVM** (Model-View-ViewModel), and Repository pattern to architect and implement robust and efficient applications in the .NET framework.
* Proficient in utilizing **Terraform** for Azure to automate the deployment and management of cloud resources, ensuring scalability, reliability, and efficient infrastructure management.
* Experienced with **JavaScript, VBScript, JQuery, AngularJS, KnockoutJs, Kendo UI, and AJAX** in **ASP.NET** for asynchronous communication and better user experience.
* Strong understanding of Blazor Server and Blazor WebAssembly (WASM).
* Experience with **XML, XSLT, XQUERY, and XPATH**, and worked with libraries.
* Hands-on experience using **wireframes** and **Jasmine testing**, creating single-page applications using **Angular 2**.
* Experience working in projects and built applications based on **MVC 4.0/5.0 frameworks,** andexperiencein **AGILE** and **SCRUM** environments.
* Experience in rendering **AJAX** features for building Rich Interactive Applications using **Ajax Control Toolkit** along with **JavaScript, JQUERY, JSON**.
* Expertise in using **Data** **Binding** Controls (**Dataset, Data Reader, Data Adapter, Grid View**).
* Skilled in serverless applications with **AWS** **DynamoDB**, **Azure** **Cosmos** **DB**, and **Google** **Cloud** **Firestore**.
* Extensive experience in using .Net components: **C#, ASP.Net, VB.NET, PL/SQL, ASP.Net MVC, ADO.Net, ADO.Net Entity Framework.**
* Applied **DDD** concepts to refactor and optimize legacy .NET codebases, improving code readability, maintainability, and overall system performance.
* Proficient in Microsoft **Blazor** framework and strong knowledge of Microservices, **AWS**, EC2, RDS, **DynamoDB**, S3, CloudWatch, and Docker.
* Experience with Service Oriented Architecture (SOA) implementing **WCF, SOAP,** and **RESTFUL Web Services**.
* Experience in developing **Web** **API** to create **REST FUL Web services**.
* Implemented client-side interface using **React** **JS**, building stable **React** components and stand-alone functions.
* Experienced working with **Azure** Cloud Services like Logic Apps, Function Apps, Blob Storage, **Azure** App Services, Service Fabric, Azure Data Factory.
* Experience in creating and deploying **XML** **Web** **Services** using **ASP.NET**, consuming Web Services from both **Win** **Forms** and **ASP**.**NET** Web Forms.
* Utilized design principles such as component-based architecture and design systems to create reusable and maintainable UI components in .NET Full Stack applications.
* Extensive experience in designing web applications using **HTML5**, including **JavaScript** libraries like **jQuery, Typescript 2.0/2.1, AngularJS.**
* Experience in handling databases like **MySQL and NoSQL** databases like **MongoDB**.
* Expert in Database design and development, experience in writing **SQL queries, Views, Triggers, Stored Procedures, Cursors,** and **Joins in SQL Server, Oracle, and MS-Access.**

**TECHNICAL SKILLS:**

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| --- | --- |
| **.Net Technologies** | Microsoft .NET framework4.0/4.5/4.6/4.7,4.8, ASP.NET MVC 3.5/4/5, MVVM, ASP.NET Web forms, AJAX, ASP, ASP.NET CORE, Micro Services, JQUERY, IIS Web Server, WPF, WCF Services, XML Web Services, SharePoint, NHibernate, Control M |
| **Programming Languages** | C, C++, C#, SQL, T-SQL, PL/SQL and VB 6.0 |
| **Distributed Technologies** | Restful, Web API, WCF and SOAP |
| **Databases** | MS Access, Tfvc, MS SQL Server, Azure DevOps, POSTGRESSQL, Cassandra, NO-SQL, Mongo DB |
| **Database Access Technologies** | HTML5, Bootstrap 4.6.2/3.4.1, typescript 2.0/2.1/4.0, CSS3, XML, JavaScript, Angular1.3/1.4/1.5/1.6/2.0/4.0/5.0/10.0/11.0/13.0, React JS, REDUX, jQuery, Knockoutjs, Node.js, handlebar.js, Kendo UI, VBScript, ASP, Swagger UI, PHP |
| **IDE** | Visual Studio 2019 |
| **Design Tools and Languages** | UML, Visio 2000 for enterprise architects and Rational rose |
| **Reporting Tools** | Crystal Reports, SSIS, SSRS, Tableau, QlikView, Telerik Reporting |
| **Version control and installation tools** | Visual source Safe, Tortoise SVN, MS Team foundation server |
| **Operating Systems** | Windows 8/7/2000/XP/NT/98/95, UNIX, MAC |

**Education Details:**

 **BTech (ECE), JNTU, Hyderabad, India – 2013**

**Professional Experience:**

**Client: Broadridge, Newark, NJ** **Jan 2023 – Present**

**Role: Sr .Net Full Stack Developer**

**Responsibilities:**

* Proficient in full Software Development Lifecycle (**SDLC**) from Requirements Analysis to Maintenance, including expertise in **React**.**js**, **Power** **BI** integration, and serverless applications with **Azure** **Cosmos** **DB** and **Google** **Cloud** **Firestorm**.
* Implementing **Terraform** modules to abstract and reuse infrastructure configurations, promoting code reusability and simplifying the management of complex Azure environments.
* Analysed and designed new .**NET Web**, Batch and **WCF** application from design to completion stage.
* Implemented automatic data refresh for real-time analysis using **Power BI** Gateway.
* Developed highly responsive web pages using **.Net Core**, **Angular**, **Typescript**, and **Bootstrap4.6.2**.
* Implemented Angular Templates, Components, Modules, and Services for Angular applications.
* Developed responsive and interactive web applications using PrimeNG, leveraging its rich set of UI components and themes to enhance user experience in .NET Full Stack projects.
* Used Python for data processing tasks, such as cleaning, transformation, and analysis of large datasets before ingestion into the .NET applications.
* Developed several responsive web applications using React, delivering modern user interfaces and seamless user experiences.
* Designed and implemented interactive web applications using Blazor, focusing on both Blazor Server and Blazor WebAssembly (WASM) to deliver seamless user experiences.
* Integrated DDD practices with .NET Core to build microservices architecture, ensuring that each microservice corresponds to a specific domain within the application, leading to a more modular and scalable system.
* working on implementing infrastructure as code (IaC) using Terraform to automate the deployment and management of cloud resources in Azure
* Developed and implemented RESTful Web Services to facilitate seamless communication between different components of the application, ensuring efficient data exchange and scalability.
* Implemented and maintained robust CI/CD pipelines in Azure DevOps for automating build, test, and deployment processes to enhance overall development efficiency.
* Used CI/CD tools Jenkins, Git/Git Lab, Jira and Docker registry/daemon for configuration management and automation using Ansible.
* Created reusable UI components in Blazor, leveraging the component lifecycle and event handling to build maintainable and scalable web applications.
* Integrated Kendo UI with backend services and APIs to fetch and display real-time data, ensuring seamless data updates and synchronization in the user interface.
* Used Windows Presentation Foundation (WPF) for data validation.
* Utilized Visual Basic for real-time data acquisition and analysis, leveraging its robust libraries and controls to develop responsive user interfaces and manage real-time data streams efficiently in a project
* Created interactive dashboards and reports using Power BI Desktop and Power BI Service.
* Implemented Microservices architecture using serverless functions within .NET applications.
* Used Angular CLI to generate new components, services, and modules for Angular applications.
* Developed serverless APIs for scalable and cost-effective applications using ASP.NET Core.
* Implemented reactive programming using RxJS to handle asynchronous data flows.
* Designed and developed GraphQL APIs using the .NET framework 4.8 to fetch data from various sources.
* Integrated GraphQL APIs with existing systems.
* Integrated Blazor applications with HTML, CSS, and JavaScript, ensuring responsive and mobile-friendly designs. Utilized third-party libraries and frameworks to enhance functionality.
* Integrated Microsoft Authentication Library (MSAL) for securing user authentication and authorization processes, ensuring data security and user privacy.
* Designed and developed web applications using ASP.NET Web Forms, leveraging server-side controls and event-driven programming to create interactive user interfaces.
* Designed new WPF application using MVVM and Repository pattern, following Prism Principles.
* Designed and implemented responsive and interactive user interfaces using React.js.
* Integrated with RESTful APIs or GraphQL endpoints to fetch and manipulate data.
* Developed and maintained Microservices using .NET Core, including designing and implementing REST APIs and Microservices architectures.
* Designed WPF screens and implemented using MVC design patterns, ensuring a clear separation of concerns and maintainability.
* Developed and maintained database-driven applications using Entity Framework for seamless integration with Microsoft SQL Server.
* Implemented message queuing and publish-subscribe patterns using Azure Service Bus.
* Developed SharePoint solutions using MSGraph calls in C# to integrate external data sources, enhance collaboration, and streamline business processes.
* Configured Service Bus entities such as queues, topics, and subscriptions to support message-based communication.
* Utilized Vue.js to develop responsive and dynamic user interfaces, improving overall performance and user engagement.
* Implemented features and enhancements using ASP.NET MVC 5.0, leveraging its robust architecture and features to deliver scalable and maintainable web applications.
* Collaborated with cross-functional teams to integrate React components with backend APIs, ensuring efficient data flow and application functionality.
* Utilizing JavaScript for event handling to respond to user actions such as clicks, scrolls, and keyboard inputs, providing a more interactive and engaging user experience.
* Leveraging Terraform to define and deploy Azure Batch pools, jobs, and tasks, enabling the efficient execution of large-scale parallel and high-performance computing applications in Azure Batch.
* Designed and implemented data access layers using Entity Framework to interact with relational database SQL Server.
* Developed complex database queries using LINQ, ADO.Net, and Entity Framework to work with databases.
* Experienced working with Azure Cloud Services like Logic Apps, Function Apps, Blob Storage, Azure App Services, Service Fabric, Azure Data Factory.
* Connected Blazor applications with RESTful APIs and web services using C# and .NET. Implemented robust data access layers with Entity Framework Core.
* Implemented TDD practices to drive the development process, leading to improved code quality, reduced bugs, and faster development cycles in .NET Full Stack applications.
* Implemented Angular 13 features, such as stricter types, faster testing, and improved component testing, to enhance the user interface and overall performance of the application.
* Utilized Java for integration tasks, integrating .NET applications with external systems, such as third-party APIs or legacy systems, due to its platform independence and robustness.
* Created reusable UI components for Single Page Applications using ReactJS.
* Performed code reviews and troubleshooting of technical issues.
* Used Jira for project management, including tracking tasks, issues, and collaborating with team members in an Agile environment.

**Full Stack .NET Developer**

**Careington International Corporation, Frisco, TX Apr 2021 – Dec2022**

**Responsibilities:**

* Utilized AGILE methodologies for high-quality application delivery and participated actively in requirement finalization**.**
* Implemented security protocols using forms-based and windows-based authentication. Oversaw the migration from KnockoutJS and AngularJS to Angular 12, integrating client-side libraries.
* Developed custom Angular Factory services for ASP.NET Core Web API data retrieval.
* Employed jQuery and AJAX for server calls processed by ASP.Net Core MVC controllers.
* Utilized Twitter Bootstrap, Kendo UI, and jQuery chaining extensively to enhance the dynamism of UI design.
* Employed Entity Framework for database management and utilized Auto Mapper for data mapping.
* Implemented Fluent Validation for custom validation of View Models.
* Constructed RESTful web services using Entity Framework and ASP.Net Core Web API to return java spring Hiber JSON data.
* Extensively worked on WCF and Web Services to provide SOA architecture and configuration-based activation applications on SOAP and REST protocols.
* Employed Jenkins for code building and deployment to staging and production environments.
* Logged issues and tracked development status extensively using JIRA and managed source code repositories using GIT. Designing, deploying, and managing cloud infrastructure on AWS.
* Used Oracle 10g database, ODP.NET Oracle Data Provider for data connectivity.
* Completed a successful migration of the SQL Server database to Microsoft Azure SQL Database, enhancing scalability.
* Successfully integrated services with Azure Cosmos and MS SQL 2019 database for optimal functionality.
* Deployed Microsoft Azure Cloud Service (PaaS, IaaS), and Web Apps and integrated MS Office using VSTO.
* Utilized ASP.NET, C#, Service Oriented Architecture (SOA), Windows Communication Foundation (WCF).
* Orchestrated MongoDB integration, harnessing NoSQL capabilities for crafting modern web applications using ASP.NET MVC 5 and AngularJS 7.
* Implemented security measures (JWT, OAuth) and authentication mechanisms within Microservices architecture using MS .NET security frameworks.
* Successfully implemented OAuth 2.0 mechanisms, ensuring secure user authentication and authorization.
* Implemented comprehensive monitoring solutions for MS MQ and RabbitMQ, providing real-time insights.
* Created CI/CD Pipeline using TFS and Azure DevOps.
* Involved in production support and developed unit and integration tests using N Unit and MOQ frameworks for functional validation.
* Implemented Hangfire for background job processing in ASP.NET Core applications, improving system scalability and performance.
* Designed and developed custom Hangfire job schedulers for complex task execution and management.
* Integrated Hangfire with existing applications, ensuring seamless migration and minimal disruption to production environments.
* Optimized Hangfire configurations to handle high-volume job queues efficiently, resulting in improved system reliability and response times.
* Utilized Hangfire dashboard for monitoring and managing background job execution, enabling proactive troubleshooting and performance tuning.
* Collaborated with cross-functional teams to architect solutions leveraging Hangfire for asynchronous processing of critical business tasks.
* Conducted code reviews and mentored junior developers on best practices for integrating and leveraging Hangfire in .NET applications.
* Designed and implement AWS Lambda and API usingVS .NET 2015, ASP.NET core with AWS SDK kit.
* Development of Step functions and Lambdas in AWS cloud environment.
* Used Microservice architecture, based services interacting through a combination of REST and leveraging AWS to build, test and deploy Identity Microservices.
* Involved in complete application stack in Amazon Web Services (AWS) like EC2, S3 Bucket.
* Responsible for maintaining and expanding AWS (Cloud Services) S3 infrastructure using AWS (SNS,SQS).

**Client : State of Illinois, Springfield, IL** **Jan 2019 – Mar 2021**

**Role: Sr. NET Web/ UI Developer**

**Responsibilities:**

* Involved in complete life cycle of software development including requirement analysis, design, development, testing and maintenance during different phases.
* Developed highly responsive web pages using ASP.Net, Angular, Typescript and Bootstrap3.4.1
* Development of webforms using Angular.
* Developed several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in Cloud Foundry, AWS S3 and Kubernetes.
* Consumed various components from React Bootstrap like Dropdowns, Collapse, Pop over, Buttons, Cards, Navbars, Tabs, Custom forms, and Utility classes.
* Implementing various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager) and Yarn library.
* WCAG 2.1 Level 1 and 2 standards into design process to create user interfaces that are accessible to all users. This includes considerations for color contrast, font sizes, and layout.
* Build, Deploy and monitoring code changes using Jenkins Pipelines.
* Expertise in using Node.js for serverless computing and AWS Lambda functions.
* Design and manage, and maintain tools to automate operational processes. Pick the right AWS services for the application.
* Utilized SQS to handle background jobs and processing tasks, improving application responsiveness and overall performance.
* Utilized advanced software tools to streamline the operations of public defined benefit pension systems.
* Resolved participant inquiries and issues related to public defined benefit pension systems with a high degree of professionalism.
* Prepared detailed reports and presentations on the status and performance of public defined benefit pension systems.
* Conducted risk assessments to identify potential threats to public defined benefit pension systems.
* Managed and optimized EKS clusters for efficient resource utilization and cost-effectiveness.
* Implemented MongoDB's aggregation framework to execute complicated data analysis and querying operations, optimising database performance and improving application functionality.
* Implemented real-time features using Vue.js, enhancing user interactivity and experience in web applications.
* Integrated Angular 10 components, such as Dropdowns, Collapse, Popovers, and Buttons, to create responsive and interactive interfaces, improving overall usability.
* Implemented a monorepo style of architecture to manage multiple Angular applications in a single PACKAGE.JSON file, reducing complexity and improving maintainability.
* Employed various state management techniques in Blazor to handle complex application states and ensure data consistency.
* Stayed updated with the latest Blazor and .NET technologies, continuously enhancing skills and applying new techniques to improve application development.
* Utilized NgRx store to manage state and communicate with APIs, enhancing application stability and scalability.
* Utilized MySQL Performance Schema to track and optimize resource-intensive queries, reducing server load.
* Developed Rest and Web Services using WEB API and WCF to interact with business components
* Developed complex data base queries using LINQ, ADO.Net and Entity Framework to work with data base
* Developed batches using windows services for bulk data processing and to schedule Batch Jobs
* Developed workflows using Windows Workflow, to handle process between different departments
* Developed Unit Test Cases using Mock Frameworks.
* Implemented ECS task placement strategies to optimize resource allocation and ensure high availability and performance of containerized applications.
* Deployed and managed web applications on Amazon EC2 (Elastic Compute Cloud), configuring instances, monitoring performance, and ensuring high availability and scalability of the application.
* Configured and customized Kendo UI themes and styles to match the design requirements of the application, ensuring a consistent and branded look and feel across the user interface.
* Utilized ASP.NET Web Forms for rapid application development, meeting project deadlines and delivering scalable solutions for business requirements.
* Designed and developed microservices architecture using .NET Core and deployed them as AWS Lambda functions, reducing operational overhead and infrastructure costs.
* Proficient in using Git for version control, including branching, merging, and resolving conflicts.
* Applied functional programming principles using RxJS, improving code readability and maintainability.
* Leveraged PowerShell and common Linux shell scripting (e.g., bash) for various automation tasks, improving operational efficiency and reducing manual errors.
* Experience with GitHub or GitLab for collaborative development and code review processes.
* Performed Code Reviews and troubleshooting of technical issues
* Utilized NuGet package management to streamline the integration of external libraries and tools, ensuring project dependencies were efficiently managed and up to date
* Utilized PowerShell and common Linux shell scripting (e.g., bash) for automation, improving operational efficiency.
* Implemented event-driven architecture using AWS Lambda triggers and Amazon S3 event notifications, enabling real-time processing and data synchronization.
* Utilized Kendo UI components such as grids, charts, and dropdowns to create dynamic and visually appealing user interfaces, enhancing user experience and engagement.
* Utilized MongoDB as the primary database solution in the current project, demonstrating proficiency in designing and implementing NoSQL database structures to efficiently store and retrieve data.
* Collaborated with cross-functional teams to gather requirements, conduct code reviews, and ensure alignment with project goals and timelines by Using xUnit.
* Developed responsive web applications using React.js, delivering engaging user interfaces and seamless user experiences.
* Used Blazor's features for form validation, state management, and dependency injection to enhance application performance and maintainability.
* Implemented and executed unit tests using xUnit, ensuring code quality, reliability, and adherence to project requirements.

**Client: Verizon, Irving, TX** **Sep 2017 – Dec 2018**

**Role: Sr .Net developer**

**Responsibilities:**

* Participated in the Agile Software Development Life Cycle (**SDLC**) processes, contributing actively in the Scrum meetings, retrospectives, sprint planning, and reviews, ensuring project progress and collaboration.
* Developed interactive web applications using Microsoft **Blazor** (web assembly version), a client-side web UI framework with .**NET**, creating dynamic and responsive user interfaces.
* Utilizing **Terraform** to manage Azure resource groups, ensuring logical grouping and efficient management of related resources within the Azure environment.
* Utilized **VSTS** (Visual Studio Team Services) and **GIT** for code management and version control, ensuring efficient collaboration and code management.
* Experience in using **ASP.NET** Core and **AJAX** framework for creating efficient and interactive web applications that work across all popular browsers.
* Conducted unit testing and integration testing of Blazor components to ensure application reliability. Utilized debugging tools to identify and resolve performance bottlenecks and bugs.
* Enhanced **CMS** performance through code and database optimizations, reducing page load times and improving user satisfaction.
* Developed and maintained reports using SQL Server Reporting Services (**SSRS**), providing valuable insights to stakeholders and supporting data-driven decision-making processes.
* Utilized **Python** scripting for automating data processing tasks, enhancing system monitoring capabilities, and integrating external services with the **.NET** application, improving overall efficiency and performance.
* Implemented natural language processing (**NLP**) techniques to extract insights from unstructured data, improving decision-making processes and enhancing the efficiency of data analysis tasks.
* Applied industry standards and best practices for secure coding, such as input validation, output encoding, and authentication methods, to Java and **.NET** applications.
* Integrated Microsoft **Blazor** components with server-side APIs and services to fetch and manipulate data, ensuring seamless functionality.
* Integrating **Terraform** with Azure DevOps pipelines to automate the provisioning and deployment of infrastructure changes, streamlining the development and delivery process.
* Conducted code reviews and security audits to find and reduce security risks, ensuring adherence to security rules and laws.
* Utilized Visual Studio's solution and project configurations to manage multiple build profiles, supporting environments such as development, testing, and production.
* Developed various services in **Angular** that consume REST services from the backend written in .**NET**, utilizing reusable components and guards to accommodate the complete web application.
* Designed and built embedded **C++** programs to enhance enterprises' decision-making processes through real-time data processing and analytics.
* Utilized **Azure DCI** for automating inbound and outbound data flow processes, enhancing efficiency and reliability in handling Fund excel files.
* Implemented interactive and dynamic reports in **SSRS**, enhancing user experience and accessibility to critical business information.
* Optimized Blazor applications for performance, employing best practices for code efficiency, reducing load times, and enhancing the overall user experience.
* Implemented Azure **Machine Learning** for predictive analytics, enhancing decision-making processes and optimizing business strategies.
* Rapid Research Capability for coding issues, ensuring quick resolution of coding challenges.

**Client: M&T Bank, Wilmington, DE** **Feb 2016 – July 2017**

**Role: .Net developer**

**Responsibilities:**

* Working in **Agile** Methodologies for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Involved in writing the front-end code for the application using **Angular 4**.
* Conducted requirement analysis, design, and development, ensuring alignment with project goals and objectives.
* Utilized **ASP.Net MVC architecture** to develop user interface screens, enhancing the overall user experience.
* Leveraged **WPF**, **XAML**, and **Expression Blend** to design and develop application screens, improving visual appeal and usability.
* Developed robust and scalable RESTful APIs using **Express**.**js**, enabling efficient communication between the front-end and back-end components of the application.
* Designed and implemented scalable and secure **IoT** architectures using Azure services such as Azure Functions, Azure Storage, and Azure Stream Analytics.
* Designed and implemented database solutions, including complex stored procedures, functions, views, and scripts, to meet specific business requirements.
* Conducted performance tuning and optimization of IoT solutions for improved efficiency and cost-effectiveness.
* Developed reports using **SSRS**, providing valuable insights for decision-making processes.
* Implemented web services using **WCF**, enhancing communication between various components of the application.
* Implemented middleware functions in **Express.js** to handle authentication, logging, error handling, and other cross-cutting concerns, ensuring a well-structured and maintainable codebase.
* **TFVC** (Team Foundation Version Control) is utilized for centralized version control, enabling collaboration, change tracking, and effective branch management.
* Worked closely with cross-functional teams to gather requirements, design **IoT** solutions, and ensure successful deployment and integration with existing systems.
* Implemented edge computing solutions using Azure **IoT** Edge to enable data processing and analytics at the edge for reduced latency and improved performance.
* Integrated hardware interfaces into .**NET** applications using libraries such as Windows IoT Core, Win32 API, or third-party **SDKs** to enable communication and data exchange with external devices.
* Build, Deploy and monitoring code changes using **TFVC**
* Utilized **ADO.NET** Database Connectivity for efficient storage and retrieval of data from databases.
* Implemented reports using Active Reports, enabling the generation of daily, monthly, and yearly reports.
* Developed complex database queries using **LINQ** and **Entity Framework**, ensuring optimal data retrieval and manipulation.
* **Azure DevOps** is used for continuous integration and deployment in this project, ensuring smooth and automated build, deploy, and monitoring of code changes using **TFVC**.
* Designed and implemented ETL processes using **SSIS** to extract, transform, and load transactional data from legacy applications.
* Utilized **Express**.**js** to create modular and reusable route handlers, improving code organization and facilitating future enhancements to the application.
* Utilized **Microsoft Azure** for cloud-based storage and deployment, ensuring scalability and availability of the application.
* Implemented unit test cases for business components using **mock framework**, ensuring code quality and reliability.
* Successfully deployed applications in **IIS**, ensuring accessibility and functionality in a production environment.
* Collaborated with cross-functional teams to ensure successful project delivery and client satisfaction.
* Collaborated with **hardware** engineers and other stakeholders to define requirements, design interfaces, and troubleshoot issues related to hardware-software integration.

**Client: Skanda IT Solutions, Hyderabad, India** **August 2013 – Oct 2015**

**Role: .Net developer**

**Responsibilities:**

* Used **Agile methodology** was used to emphasize on face-to-face communication over written documents and make sure that iteration is passing through a full software development cycle.
* Developed applications using Team foundation **server 4.5** and **entity framework** in the project.
* Developed cross browser compatible, customer facing online application based on n –Tier architecture
* Implemented Data Access layer, Caching Application block, Application validation, Exception handling and logging components using **Microsoft Enterprise Library 4.1** Application Blocks.
* Developed and used various Web forms, Custom Controls and User controls using **ASP.NET**, **C#** and **JavaScript**.
* Used **ASP.NET 3.5** Server controls, User Controls and **HTML** controls.
* Extensively used **LINQ** to Objects to query the objects based on requirement.
* Writing Complex Stored Procedures in **SQL** to pull data from **DB2** and Oracle.
* Expertise in using **S3** event notifications for triggering **Lambda** functions and other **AWS services**.
* Created user access control to restrict users based on user roles.
* Created and modified existing Stored Procedures.
* Designed pages using **Ajax**.
* Proficient in Lambda function integration with other **AWS** services, such as DynamoDB and SNS.
* Using **MVC** **5** architectures to developed web-based applications.
* Managed and optimized database performance in Amazon Web Services (**AWS**) **RDS** (Relational Database Service), including monitoring, scaling, and implementing backups, ensuring efficient and reliable data storage and retrieval.
* Utilized **ASP**.**NET**, **C#,** Service Oriented Architecture (**SOA**), Windows Communication Foundation (**WCF**).
* Involved in Database Designing, Views and Stored Procedures in SQL Server.
* Creating reports using the Crystal Report for the report needed by Middle Office, Back Office users.
* Created Styles, Templates in Silverlight in designing the **UI** with **XAML**.
* Developed Web pages with **ASP**.**NET** using **JavaScript**, Client-Side Validation, Server controls, **HTML5** Controls, **jQuery**, and **CSS**. Implementing the Object Relational Mapping using **Hibernate**.
* Worked on Data Warehousing, Data Marts, and BI, Planning, and ETL concepts.
* Demonstrated **rapid research** skills to resolve complex coding issues promptly and effectively.
* Utilized various online resources, documentation, and forums to quickly find solutions and troubleshoot technical problems.