SR Dot Net Full Stack Developer

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PROFESSIONAL SUMMARY

* Around **11 years** of experience in designing, developing, and testing n – Tier Web-based Client/Server Applications using **Microsoft .NET Framework** and **SQL Server** with **Agile** and **Waterfall** Methodology.
* Experience in using Microsoft Technologies like **C# 9.0/10.0, .NET Framework ASP.NET 4.6/4.5/3.5, ASP.NET Core 6.0/7.0/8.0, ASP.NET MVC 5.0/6.0, ADO.NET 6.0, Entity Framework 4.0/5.0/6.0, WCF, Web API 6.0** and **IIS** on **Visual Studio**.
* Experience with Object Oriented Programming such as **collections API, threads, Multithreading, Data Structures,** and **Algorithms**.
* Developed **MVC** web user interfaces, complete with validation and verification using **Data Annotations**.
* Strong experience in data retrieval and manipulation using **ADO.NET** data objects such as connection, command, **Dataset, Data Reader, Data list, Data Adaptor**.
* Done skillful work by using **Restful APIs**, implementing Design Patterns **(MVC, MVP, MVVM)**, and employing **code-first** development practices.
* Experience in **Java/Java 8**, **Core Java SE 8 and J2EE, JSP, JDBC**.
* Expertise in **ORM frameworks** like **Hibernate, Spring Data, iBatis and JPA.**
* Good experience in developing Configured and Consumed Restful Web Services using **Windows**

**Communication foundation (WCF)**.

* Experienced in all phases of software design, development, and testing of business applications using **Visual Studio.NET, C#, VB.NET, ASP.NET MVC, ASP.NET WEB API, .NET Core, HTML, Angular, JAVA Script, C** and **SQL Server, DHTML**.
* Experience in working with **IIS**, creating and configuring virtual directories and mapping them to physical folders.
* Works on **SQL server**; Wrote complex **SQL** queries, Stored Procedures, Functions, Views and Triggers.
* Flexible and open-minded, with the ability to quickly adapt to changing needs.
* Proficient knowledge in **Cloud services** **like AZURE, AKS, ACR** and **AWS**Services**, ECR, EKS,** **Function Apps, App Insights, Cosmos DB** etc.
* Works well with clients and can quickly learn domain knowledge and deliver solutions that fit their needs.
* Proficient in utilizing **Coded UI** and **MTM** for testing purposes**.**
* Experience in using **build/deployment** tools such as**Jenkins, Docker and OpenShift** for Continuous Integration & **Deployment of Microservices**.
* Experienced in designing **multi-threaded** systems with strategies to prevent deadlocks and ensure application stability.
* Background in programming, design and implementation of **Finance, Healthcare** and **eCommerce**.
* Technical expertise in Microsoft Technologies, such as .**NET Framework (2.0-4.8), ASP.NET Web Forms, ASP.NET** **MVC 4.0/3.0, C#, VB.NET, Web Services, RESTful Services, Web API**, **WCF**, **WPF**, **Entity Framework**, **Silverlight 4.0/3.0, LINQ, IIS 8.0/7.0/6.0, SOAP**, **XML, DOM, XSL**, **XSLT, .NET REMOTING, HTML 5, Java Script**, **jQuery**, **Angular**, **NodeJS**, **CSS3**, **HTML5**, **VB Script, Visual Studio .Net 2005-2022, AJAX**, **ADO.NET**, **XML.**
* Experience in reports development using **SQL Server Reporting Service (SSRS)** and experience in developing integration packages using **SQL Server Integration Service (SSIS).**
* Hands on Experience on Azure Service Bus, Data Factory, **Logic Apps**, Azure API Management, Azure App Services, Azure Functions and Azure Storage.
* Experience with **SQL Server 2005/2008/2012, Oracle 8i/9i** and **MS Access Database development, AJAX controls**.
* Good expertise in **Core Java SE 8** concepts like **Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics** and **Collection API**.
* Proficient in **T-SQL Queries**, **Views, Joins, Functions, SQL Stored Procedures, Database Triggers and Cursors** and **PL/SQL**.
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 8**. Worked on resolving User Interface issues using various front-end technologies such as **HTML, CSS, Bootstrap, AJAX.**
* **Proficient in using SpecFlow for Behavior-Driven Development (BDD) in .NET projects.**
* Worked with **Angular 2/7/8/14** framework to run the **Bootstrap** method against **Typescript** files.
* Extensive experience in developing Web Service applications like **REST Client, REST API, SOAP UI,** **Dozer mapper**.
* Developed the application with **Angular8 with MVC framework** and check while developing whether the services are ready, if ready consume the services by configuring the endpoint URL’S and writing **service calls**, and integrate the application with services, which are made on **REST.**

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Languages** | C/C++, C#, VB.Net, Java8, Core Java SE 8, Python 3/3.6. |
| **Object Oriented Modeling** | UML, Rational Unified Process. |
| **Design/Architecture** | MVVM, MVC, Microservices, SOLID Principles, Dependency Injection, CASL. |
| **IDE** | Visual Studio 2012, 2014, 2015, 2017, 2019, 2022, Visual Studio Code. |
| **Web Development** | ASP.NET Core 6.0/7.0/8.0, Asp.Net MVC 4.0-6.0, ASP.NET WEB API, .Net Core, JavaScript, XML, HTML5, DHTML, CSS3, AJAX, XML, Blazor, Razor. |
| **.NET Framework/Libraries** | .NET 3.5-4.8, ADO.NET, EF 6.0, NuGet, SignalR, ASP.NET Core, .NET Core / .NET 5, Windows Workflow Foundation (WWF), NHibernate, Struts 1/2. |
| **JavaScript Libraries** | jQuery, JSON, Bootstrap, Typescript/JavaScript, React JS, Angular 2/7/8/14, Vue.js. |
| **Messaging Services** | Apache Kafka, AWS SQS, MSMQ. |
| **Databases** | MSSQL Server, T-SQL/SQL Server (2005/2008/2012/2014), SSMS2019, Oracle 10g, PostgreSQL, MongoDB, Dynamo DB, Cassandra DB. |
| **Cloud** | Azure, Azure Devops, AKS, Azure Worker Roles, AWS, ECR, EKS, EC2. |
| **CI/CD Tools** | Jenkins, Docker, Kubernetes, Terraform, Ansible, AgroCD. |
| **Web server/Application Servers** | Apache, Nginx, IIS, Tomcat, **Microsoft Azure App Service, WebLogic, Jetty.** |
| **Authentication/Authorization** | ASP.NET Identity 1.0/2.0, OAuth 1.0/2.0 and OpenID Connect. |
| **Testing/Documentation** | NUnit, xUnit.net, Selenium WebDriver, Postman, Swagger. |
| **Advance Technologies** | Prompt Engineering, ChatGPT 3.5/4, LLM, Pandas, MLLAB. |
| **Other** | Agile, Coded UI Automation testing, WCF, WPF, REST, SOAP, Web API, MS Excel, TCP/IP, SharePoint 2000-2005, LINQ, Entity Framework, TDD, Windows, LINUX, IOS, JDBC, Spring Boot, Spring MVC, Spring IOC, Linux commands, Shell scripting, JIRA. |

PROFESSIONAL EXPERIENCE

**Client: Health partners Bloomington MN**  **Feb 2024 – Till Date**

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

**Responsibilities:**

* Extensive experience using Visual Studio .NET platform C#, ASP.NET, Good working experience in **Azure Logic apps**, Service Bus, Document DB and SQL Database.
* Used Kafka for message streaming. Connected to **Kafka** topics using various **topics, brokers** related information.
* Used Kibana for visualization of Kafka topic messages for data search or identify any failure in the message stream in **Kafka**.
* Experienced in creating and managing **multi-threaded** applications in .NET to improve performance and responsiveness.
* Integrated **SpecFlow** tests with CI/CD pipelines for continuous testing.
* Designed **PowerShell** scripts to configure and manage development, staging, and production environments, ensuring consistency and minimizing human error.
* Ensured cross-browser compatibility by writing **jQuery** code that works seamlessly across major browsers.
* Used **WCF** for interoperability with other platforms, technologies and for building custom solutions.
* Proficient in monitoring and troubleshooting performance issues within **Snowflake**, identifying bottlenecks.
* Implemented design patterns and the entire backend of the application in **C#. NET**, using various object-oriented features like **classes, interfaces, inheritance, polymorphism** and **Multithreading.**
* Applied **LINQ** to Entities for data access using Entity Framework, simplifying database interactions and enabling **object-relational mapping (ORM).**
* Successfully optimized **PL/SQL** code for improved performance, including query optimization and **reducing execution times.**
* **Lead** weekly meeting with the client to review the current status of the project and to collect new requirements
* Working on **IBM DB2** and **SQL Server 2019** including writing Stored **Procedures, queries, views, query** performance tuning skills etc.
* Familiar with integrating **SpecFlow** tests with Azure DevOps and Jenkins for automated build and release processes.
* Hands-on experience in Azure Cloud Services **PaaS, Web Apps, Blob Storage Application Insights, and Logic Apps**
* Proficiency in using **XSL-FO** transform engines with Apache FOP (Formatting Objects Processor).
* Used **YAML** files for writing playbooks and **Kubernetes** files.
* Used**Team foundation server (TFS)**as source control repository for code version on **CI/CD.**
* Experience in using **Angular.js**to test views and to do end to end unit testing by using **Continuous Integration/Continuous Deployment(CI/CD)**
* Implemented the project on **Visual Studio 2019 .NET Framework 4.6.2, C#.NET, ASP.NET MVC 5** with **Entity Framework 6, SQL Server 2015, ASP.NET Core 6.0/7.0/8.0** and **LINQ.**
* Developed responsive **UIs** with **Angular 14, TypeScript, Bootstrap, HTML5, CSS,** and streamlined high-quality, maintainable code. Developed **Azure Logic Apps** that helps to receive the files from Biztalk server and trigger http and service bus trigger azure functions.
* Integrated **PowerShell** with CI/CD tools like Jenkins, Azure DevOps, or GitHub Actions to streamline application lifecycle management.
* Working on **SQL Server Reporting Service** with knowledge of **SSRS Server** management.
* **Oracle PL/SQL** development which includes creating **Database Tables, indexes** and **triggers, writing oracle package** and **procedures, Functions, Cursors, Views** and    performance tuning. Load flat file data for policy enrollment and claim into **ELITA oracle** databaseusing **SQL loader/ Trans All / File mapping.**
* **Lead** a team of 6 developers and involved in project estimation and Work allocation.
* Developed the project using Agile/Scrum Methedology with continuous integration/deployment **(CI/CD)** in SDLC process
* Developed the project using agile methodology with daily **(SCRUM)** paired programming and continuous integration/deployment **(CI/CD)** using SDLC process.
* Employed **Windows Server Management 2019** and **IIS 10** forimproved performance, security enhancements, and simplified management**.**
* Experience in overseeing MongoDB condition from accessibility, execution and adaptability points of view.
* Utilized **Scrum** methodology to collaborate with cross-functional teams and deliver software increments in iterative sprints.
* Ability to handle complex transformations and formatting requirements using **XSLT** and **XSL-FO.**
* Proficient in designing and implementing **PL/SQL** packages to **encapsulate** and **organize** code for enhanced maintainability.
* Skilled in configuring and managing **SpecFlow** projects with .NET Core/Framework.
* Implemented **SignalR** to establish **WebSocket** connections, facilitating bi-directional communication.
* Managed and administered **Solaris servers,** ensuring their **stability, security**, and optimal performance in a production environment.
* Experience with **ASP.NET MVC** by using the **Razor View Engine, JavaScript, HTML5, CSS3** for building front-end and UI.
* Improved team productivity by implementing **Agile** best practices and fostering a culture of continuous improvement.
* Created and implemented data access components using **ADO.NET** to facilitate efficient and secure interaction with databases.
* Able to analyze and enhance application performance by identifying bottlenecks and implementing **multi-threading** solutions.
* Experience in integrating **XSLT/XSL-FO** transformations with various **XML** data sources like databases.
* **Microservices** break down the financial reporting system into modular components, enabling **agile** development and deployment of specific functionalities.
* Proficient in **Jira** administration, including user management, permissions, and project configurations.
* Expertise in **OAuth 2.0** as an **authorization framework** designed to grant secure access to resources through HTTP.
* Performed routine system monitoring, troubleshooting, and maintenance tasks to uphold system reliability.
* Supported and maintained dynamic web pages using **Java Server Pages (JSP)** for seamless integration of **Java** code with **HTML**, **enabling** the creation of interactive and **data-driven** user interfaces.
* Supported **JSP** custom tag libraries to encapsulate **reusable code snippets, promoting code modularity** and **maintainability** across multiple web pages.
* Implement validation controls and **Web Forms** such as RequiredFieldValidator, RegularExpressionValidator to ensure that users input valid data.
* Worked and maintained Enterprise **JavaBeans (EJBs)** to encapsulate business logic and enable **scalable** and **distributed** enterprise applications.
* Integrated **EJB** seamlessly with **Java Persistence API (JPA)** to ensure effective **data persistence** and retrieval.
* Extensive hands-on experience with **ASP.NET Core 8**, managing tasks such as **routing, authentication, authorization**.
* Demonstrated ability to create modular and reusable code within **PL/SQL** packages.
* Expertise in developing and employing **MongoDB** for storing documents.
* **Proficient in Visual Studio 2019, .NET, .Net Core, GIT, Angular 14, Azure Devops, Azure Cloud, and Terraform. Working experience in Docker and Kubernetes environment.**
* Showcase your understanding of **SignalR** as a real-time communication library that enables **server-to-client and client-to-server communication**.
* Strong understanding of parameter passing, both **IN** and **OUT**, for effective communication between **stored procedures** and application code.
* Utilizing **Snowflake** for data warehousing solution for storing, querying, and analyzing.
* Skilled in writing complex **SQL** queries and optimizing query performance within **Snowflake**.
* Implemented security best practices within **Snowflake, including role-based access control (RBAC), encryption,** and **data masking.**
* Demonstrated expertise in utilizing **jQuery** to simplify and enhance **JavaScript** programming tasks.
* Performed administration tasks which is providing access **levels, permissions, creating users and groups in active directory** etc. in **SharePoint Portal** server 2019.
* Strong experience in manipulating the **Document Object Model (DOM)** efficiently with **jQuery.**
* Extensive experience in developing **MongoDB** databases**, including schema design, indexing**, and **query** optimization.
* Proficient in utilizing advanced **PL/SQL** concepts such as **exception handling, cursor management,** and **dynamic SQL**.
* Involved in **Software development life cycle (SDLC)** of application from design phase to the implementation phase.
* Configured and managed various types of endpoints in **WCF**, including **HTTP**, **TCP**, and named pipes, to support diverse communication protocols.
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular14**. Worked on resolving User Interface issues using various **front-end technologies** such as **HTML, CSS, Bootstrap, AJAX.**
* Led successful migration projects from **classic ASP to .NET**, ensuring a seamless transition from legacy systems to the latest **.NET Framework 6.0**.
* Utilized **LINQ** to **XML** to parse, query, and manipulate XML data, enhancing flexibility and readability in XML-related tasks.
* Designed, developed, and maintained web applications using **ASP.NET WebForms** as the primary framework.
* Developed applications based on the event-driven model of **WebForms**, handling user interactions and **server-side events**.
* Developed stored procedures, views and triggers for data manipulation, ensuring set up **relations include indexes, constraints**, and **foreign keys**.
* Implemented robust fault handling mechanisms in **WCF** services to manage and communicate errors effectively.
* Utilized **NUnit** for writing and executing unit tests, fostering a culture of **test-driven development (TDD).**
* Applied data binding techniques in **ADO.NET** to connect data sources to user interface elements, providing seamless data presentation and manipulation.
* Developed **LINQ** queries to manipulate and query in-memory objects and collections with **LINQ** to Objects.
* Created monthly and weekly reports using **SSRS**.
* Developed web forms in **ASP.Net** using **C#.Net, AJAX Controls, HTML** and **JavaScript.**
* Developed several **MVC** applications with **ASP.NET MVC, JavaScript, jQuery, JSON, HTML, Angular 14, XHTML, CSS, ASP.NET Core 8 Web API**, and **REST Client.**
* Experience with Asynchronous messaging using **Kafka, MSMQ, Redis**.
* Extensively used **.NET Web Services** for exercise vendor integration, sending claim to clearing house and for internal project and using **Team Foundation Server (TFS).**
* Experience in serializing data into **JSON** format and deserializing **JSON** data into structured objects for seamless data interchange.
* **Automated Build and Deployment build some pipelines with Azure Devops by Continuous Integration (CI)** triggers automatic builds on code commits, providing early feedback on potential issues.

**Environment:** EDMX, AJAX, Typescript, jQuery,HTML5, Angular 14, Agile, AWS EC2, AWS S3,.NET Web Services, MongoDB Kubernetes, Kafka, Kibana, SDLC, HTML, CSS, Bootstrap, PL/SQL, JSON, Razor View Engine, TFS, Entity Framework 6, C#, ASP.NET Core 6.0/8.0, SQL server 2019, WinForms, WCF, Rest services, ADO.NET, JavaScript, Web Services, X Path, Azure DevOps, AKS, EF core 6.0, Visual studio 2022, IIS, Rest, DDD.

**Client: Honeywell, Morristown, NJ**  **May 2021 – Dec 2023**

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

**Responsibilities:** 

* Developed views and triggers for data manipulation, ensuring set up **relations include indexes, constraints,** and **foreign keys.**
* **Experienced in designing and implementing applications using C#, .Net, Angular11, JSON, Web API, and Azure cloud technologies**.
* **Active Directory Federation Services (ADFS), SAML, web Single Sign-on (SSO), OAuth and related authentication technologies.**
* Involved in building stable **Reac**t components and stand-alone functions to be added to any future pages.
* Developed the system services, **SOA** application platform which can be used by all web applications utilizing **WCF** services.
* Created **PowerShell** scripts to handle large data manipulations, log management, and generate reports for .NET applications.
* Developed RESTful APIs in .NET with backend scripting in Python for data processing, enhancing data-driven application performance.
* In this project we are involved in the technologies that work with **ASP.NET MVC, PL/SQL, REST, SOAP** and all the related **.NET technologies.**
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture and .NET.
* Expertise in designing and implementing triggers using **PL/SQL** to automate actions in response to specific events on database tables.
* Proven track record of using triggers to enforce data integrity and implement custom business rules.
* Implemented robust caching strategies using **Redis** to enhance application performance and reduce latency.
* **Used Microservices architecture, REST, and RESTful API to build, test, and deploy identity microservices.**
* Implement new **Front-End** features with **Typescript/ JavaScript** and other **RESTful APIs.**
* By using **Azure Data Factory** created and scheduled pipelines called data-driven workflows that can ingest data from data stores.
* Demonstrated ability to create modular and reusable code within **PL/SQL** packages.
* Used **Azure Service Bus** to balance the workload and used as a messaging tool service on cloud to connect any applications, devices, and services running in the cloud to any other applications or Services.
* Created **SSRS** packages to export data from text file to **Oracle database**.
* Wrote UI related tables and stored procedures for report display and admin activities and **Experience in developing Multi-Page Applications on the frontend**.
* Successfully managed the migration of **classic ASP to .Net Framework 6.0**, ensuring a smooth transition without data loss or corruption.
* Developed **Web Forms, Components** in **ASP. Net** using **VB .NET and C#.**
* Participated in daily **Scrums** with the whole team to discuss the progress of the application development, tasks to be done and tasks that have already been completed.
* Performed unit testing and integration testing by applying test cases **RestSharp, NUnit / xUnit**.
* Created test fixtures and test cases in **NUnit**, organizing and structuring tests for systematic execution.
* Developed user interfaces for using **C#** and Win Forms using **WPF**.
* Developed GIS applications by programming, documenting, testing and manipulating client user input.
* Implemented various features throughout the project and handled change requests using **ASP.NET, C#, XML, Web services** and **jQuery** and used **Agile methodologies.**
* Implemented **backup** and recovery strategies using **AWS Backup** and ensured data durability through **AWS Storage Gateway**.
* Designed and implemented data pipelines by combining .NET infrastructure with Python for data analysis and transformation.
* Used **JSON** objects effectively for efficient **client-side** coding and **Typescript/JavaScript** template design**.**
* Transformed conceptual designs into interactive user interface using **HTML5, CSS5, Vue.Js**and**Bootstrap**.
* Implemented **Angular Router** to enable navigation from one view to the next as agent performs application tasks.
* Demonstrated the ability to translate conceptual data models into logical database designs within **ER frameworks,** facilitating the practical implementation of business requirements.
* **Skilled in using VSTS & Git for version control and deploying builds for Dev, QA, UAT and Prod environments.**
* Experience in Client-side web development utilizing **HTML, CSS5, Bootstrap5, Vue.js**.
* Proficient in debugging and troubleshooting **jQuery-related** issues for smooth application functionality.
* Extensively used datasets, Data table and Data view to retrieve and manipulate data and display it in an **ASP.NET** and **ASP.NET Core 3.0 Web API**.
* Followed best practices for **jQuery** development, including code modularity and maintainability.
* Designed, deployed, and managed AWS infrastructure components, including **EC2 instances, S3 storage, VPCs,** and **RDS databases.**
* Utilized parameterized tests in **NUnit** to run the same test logic with different input values, improving test coverage.
* Demonstrated ability to perform **exploratory data analysis (EDA)** using **Pandas**.
* Utilized statistical methods and **Panda’s** functionalities to derive insights from **datasets**.
* Performed a **Unit Test** and **integration** test for the application.
* Using **GIT** to keep the repo up to date and **Azure DevOps** to track all the **sprint work**.
* Used **SOAP** and **REST** services for requesting information from endpoints.

**Environment** Web Forms, Vue, Azure DevOps, **:** .NET, Visual Studio, ASP.NET MVC, WPF, c, LINQ, Webservices, Vue.js, OOP, HTML, JavaScript, WinForms, Dependency Injection, C#, Azure DevOps, Azure AD, Azure APP Services, Excel, XML, XPath, CSS, MS SQL Server, ASP. Net using VB .NET and, RestSharp, NUnit / xUnit, C#, jQuery, Azure Service Bus, SQL, Typescript, GIT, Entity Framework, PL/SQL,VSTS, Agile methodologies.

**Client: Abilo IT Solutions, India Sep 2019 - Apr 2021**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Extensively employed **Web-APIs** and Web Services, with a focus on **WCF** for fostering seamless communication between applications.
* Leveraged **C#** to create and consume **Web Services**, demonstrating proficiency in designing and **orchestrating** distributed systems **Team Foundation Server (TFS).**
* Demonstrated expertise in **Document Object Model (DOM)** manipulation using **JavaScript, jQuery** and **Angular, ensuring dynamic** and **responsive** user **interfaces.**
* Executed design and code implementation for enterprise applications, employing **C# WinForms** and **WPF** for creating sophisticated graphical user interfaces.
* Created and deployed **Web Services** using **VB.NET, SOAP,** and **XML**, streamlining the retrieval of Customer Service Records.
* Built custom Python scripts to automate .NET-based application testing, reducing testing time and improving coverage.
* Engineered **REST Web Services**, serving as a pivotal interface between **SQL** **Server Reporting Services (SSRS)** and **ASP.NET applications.**
* Implemented a robust enterprise-level project utilizing **ASP.NET** and **C#,** with the **Microsoft SQL Server serving** as the **backend database**.
* Developed sophisticated **C#** components to seamlessly integrate and implement intricate business logic, intelligently utilizing them through **ASP.NET**.
* Innovatively designed and implemented reusable User Interface (UI) elements by leveraging **ASP.NET**, ensuring a modular and maintainable application structure.
* Utilized **ADO.NET** extensively for efficient and secure database manipulations and connections, adhering to best practices in data access.
* Implemented Python and .NET interop solutions, facilitating the integration of machine learning models developed in Python with .NET applications.
* Implemented and optimized **PL/SQL Stored Procedures**, ensuring efficient execution of database operations and improved application performance.
* Designed and implemented **triggers** using **PL/SQL** to enforce data validation rules, reducing data entry errors by **15%**.
* Undertook vital administration tasks, including provisioning access levels, managing permissions, and creating users and groups in the **Active Directory** within **SharePoint Portal Server 2007**.
* Actively participated in various client meetings, collaborating with the team and Project Manager to discuss improvements and amendments, ensuring alignment with client expectations.
* Implemented stringent data validation protocols on Web Forms, employing **.NET** Validation Controls and **JavaScript** to enhance user input accuracy.
* Configured advanced security features using **Form-Based Authentication** and **Role-Based Authorization**, implementing a robust access control system through **C#** and **ASP.NET**.
* Developed **RESTful/WCF** Web services and APIs, showcasing expertise in building scalable and interoperable backend components.
* Adapted and optimized web services to seamlessly interact with other applications, exposing them using both **SOAP** and **HTTP protocols**.
* Played a crucial role in **database** management, involved in writing **Stored Procedures** and **Triggers** for **efficient data manipulation** and business logic implementation.
* Developed complex reports using **SQL Reporting Services (SSRS)**, enhancing **data visualization** and **analytics capabilities.**
* Implemented a comprehensive **PL/SQL** package to handle complex business logic, resulting in a 20% reduction in code redundancy.

**Environment:** SQL Stored Procedures, TFS, Triggers, InfoPath 2007, ASP.NET, C#, PL/SQL, ADO.NET, Web Forms, .NET Validation Controls, JavaScript, Form-Based Authentication, Role-Based Authorization, RESTful, WCF, Web-APIs, Web Services, C# WinForms, WPF, DOM, JavaScript, jQuery, Angular, VB.NET, SOAP, XML, SQL Server Reporting Services (SSRS), SharePoint 2007, Test Driven Development (TDD), SharePoint Portal Server, Active Directory.

**Client: Infotech, India Jun 2016 – Aug 2018**

**Role: .Net Developer**

**Responsibilities:**

* Knowledge of XML related technologies such as **XML/XSL, XSLT, DTD, XML Schema, DOM, SAX, SOAP, WSDL, Web-Services,** and **VBScript.**
* Expertise in creating and scheduling complex **SSIS** packages for transferring data from multiple sources into **SQL Server, Access,** and **Excel** by using **SSIS** and **DTS of SQL Server.**
* Worked with the Design team to assist in the development of high-quality software for **Microservice applications.**
* Implemented **Angular Service calls** using **Angular Factory**.
* Created custom SharePoint sites, sub sites, Document Libraries, Lists and List views to collaborate the Affiliates using **visual studio**.
* Integrated **SQL** and Access data tables with the SharePoint lists and created the custom web parts to display the **SQL** data in the SharePoint portal pages.
* Developed a **system services, SOAP** application platform which can be used by all web applications utilizing **WCF services**.
* Experience **debugging Node.js,** profiling memory and CPU usage.
* Experience **deploying Node.js** into production and scaling applications beyond single instances.
* Experience with **Node.js** using web server-based frameworks such as **Express**.
* Experience in creating complex **SSIS** Packages with error handling using control and dataflow elements.
* Performance tuning and optimization of procedures and queries.
* Experience in creating complex **SSIS** packages using proper control and data flow elements.
* Developed **ASP.NET** Core Web API based on departmental requirements and specifications.
* Worked with advanced concepts of **ASP.NET Core MVC** such as Models and Providers, Filters used for developing backend technology.
* Developing web-based solutions by using **Visual Studio, .NET, C#, AJAX, MVC, Coded UI, SSMS, Json, jQuery, XHTML, and ASP.NET Web forms** related to pension plans and based on the needs of each client.
* Developed various modules using **HTML 5, Bootstrap, a JS.**
* Developed and assisted in migration of web application to **Angular** Application. I took the responsibility of
* Leveraged Angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Created custom directives for re-usable components (multi-filed form elements, background file uploads, etc.)
* Leveraged **Angular** for developing applications using, **HttpClientModule** for **REST** calls and used **l**oads hand **jQuery** to process **JSON** and **XML** then providing them to components that are in need.

**Environment:** Visual Studio.net (2017), Agile, C#, Coded UI, Angular, ASP.NET WEB API, .Net Core, Classic ASP

, HTML5, CSS3, Bootstrap, jQuery, Angular, Json, REST, SOAP, XML, ASP.NET, WCF, SSMS, MVC, TDD, LINQ, JavaScript, EP Plus, Excel, TFS, Windows.

**Client: Sidhi Infotech, India Jan 2013 to May 2016**

**Role: Software Engineer**

**Responsibilities:**

* Developed several reports for various functional requirements using Crystal Reports.
* Used both windows authentication and form authentication as it has both internal and external users.
* Used dataset and Infrangibly Web grid extensively to retrieve, display, and manipulate data from the database.
* Created Stored Procedures for data manipulations in **SQL** Server 2008 database.
* Developed Web Services for applications that consume Web Methods using **C#**.
* Used **ADO.NET** classes provided by the **.NET Framework** for database connectivity.
* Used **Data Grid, Data List, Repeater** controls to show detailed information.
* Created and customized dynamic reports using Crystal reports.
* **Session state** (session variables and session arrays) is used to roll on the data from page to page within the session.
* Created **SQL** scripts, stored procedures, triggers and views.
* Involved with all stages of **Software Development Life Cycle**.
* Worked with an **Agile, Scrum** methodology to ensure delivery of high-quality work with monthly iteration.
* Involved in designing the Employee Member portal and Employer/Account portal, developed Employee Registration, Employee profile, Account Maintenance and User Maintenance, Forgot password, Login User Controls.
* User controls are extensively used in the application.
* Created master pages to display the logo and copyright information on every page of application.

**Environment:** .NET Framework 4.0, ASP.NET, C#, Visual Studio 2010, ADO.NET, SQL Server 2008, XML, SOAP, JavaScript., WCF, entity framework.