**Nagamani v**

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PROFESSIONAL SUMMARY

* Over **10+ 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# 9.0/1.0, .NET Framework ASP.NET 4.6/4.5/3.5, 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 2015**.
* Background in programming, design and implementation of **Finance, Healthcare** and **eCommerce**.
* 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. JS, JAVA Script, C** and **SQL Server, DHTML**.
* Developed interactive and responsive front-end web applications using vanilla JavaScript, HTML, and CSS
* Hands on Azure cloud PaaS Services and Implemented Reliable, High Availability and Scalable solutions for the largest clients in Banking, Financial, Insurance and Auditing domains.
* Experienced in Vue.js component-based architecture, reactivity, and state management with Vuex.
* 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.
* Experience in Azure Storage, functions, Logic apps, **App services, Web Jobs, Key Vault, Active Directory, AAD** **B2C, Cosmos DB, SQL DB, Application Insights, Monitor, Log Analytics, Azure CLI, CI-CD with Azure DevOps**.
* Demonstrated proficiency in writing clean and efficient code using vanilla JavaScript to implement dynamic and interactive features on websites
* Proficient in utilizing **Coded UI** and **MTM** for testing purposes**.**
* Proficient in writing complex Kusto Query Language (KQL) queries to extract, analyze, and visualize large datasets from Azure Data Explorer.
* Experience in using **build/deployment** tools such as**Jenkins, Docker and OpenShift** for Continuous Integration & **Deployment of Microservices**.
* 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.
* Strong Technical expertise in **C#, ASP.NET, ADO.NET, LINQ, XML, XSLT, T-SQL, WCF, .NET 4.0, MVC Framework, Web API, Entity Framework, HTML, CSS, Java Script, Angular2+, Angular 10+, PowerShell, SQL, T-SQL,JAVA.**
* Proficient in using various design patterns such as MVC, Singleton, Façade, Factory Pattern, CQRS and Repository Pattern.
* Strong Understanding in Service Oriented Architecture (SOA) for Web Services using SOAP/WSDL and Restful services.
* Knowledge in platform neutral markup **using XML, XSD, XSL, XSLT.**
* Experience with relational data bases and NoSQL technologies.
* Worked on different **RDBMS like MS SQL Server, Oracle, IBM DB2, MySQL, and Cosmos.**
* Experience in working with Data structure and Algorithms in C#.
* Experienced in writing unit test cases using **XUnit** and have knowledge in Test Driven Development (TDD).
* Expertise in usage of version controls like GIT, TFS and SVN.
* Sound knowledge of Continuous Integration practices and tools such as Azure DevOps.
* Design, develop, test, and maintain the application based on ASP.NET, ADO.NET.
* Experience in **Java/Java 8**, **Core Java SE 8 and J2EE, JSP, JDBC, JSP**.
* 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)**.

* 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**, **AngularJS**, **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).**
* 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**.
* 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.**
* Proficient in Vue.js framework for building interactive and scalable single-page applications (SPAs).
* 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.**
* Worked with **Angular 7/8/9/10** framework to run the **Bootstrap** method against **Typescript** files.

**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**. |
| **IDE** | Visual Studio 2012, 2014, 2015, 2017, 2019, 2022, Visual Studio Code. |
| **Web Development** | ASP.NET Core 6.0, Asp.Net MVC 4.0-5.0, 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 (WF),** NHibernate. |
| **JavaScript Libraries** | jQuery, JSON, Bootstrap, JavaScript, React JS, Angular 2/7/8, 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. |
| **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. |
| **AZURE Cloud Services** | Azure Storage, Azure functions, Logic Apps, App services, Web Jobs, Key Vault, Active Directory, Azure Search, Azure Runbook Account, AAD B2C, Cosmos DB, SQL DB, Application Insights, Monitor, Log Analytics, Azure CLI, CI-CD with Azure DevOps. |
| **Application Development** | C#, ASP.NET, .NET CORE, ADO.NET, LINQ, XML, XSLT, T-SQL, WCF, .NET 4.0, MVC Framework, Web API, Entity Framework, HTML, CSS, Java Script, Angular, PowerShell, SQL, T-SQL. |
| **Message Queues** | Azure Storage Queues and Service Bus Queues |
| **Tools/Source Control** | ADO, VSTS, SOAP UI, WinSCP, Fiddler, Postman, Azure Storage Explorer, SSMS, Visual Studio, VS Code, Windows PowerShell ISE, Git, TFS, Tortoise SVN |
| **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. |

PROFESSIONAL EXPERIENCE

**Client: Verizon, New York, NY. April 2023 – Present.**

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

**Responsibilities:**

* 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,** and **LINQ.**
* Developed responsive **UIs** with **Angular 15, TypeScript, Bootstrap, HTML, CSS,** streamlined high-quality, maintainable code.
* Experienced in Razor syntax for server-side rendering of dynamic content within ASP.NET Core or MVC applications.
* Proficiency in C++11/14/17 features and modern C++ best practices.
* Knowledgeable in Kubernetes monitoring, logging, and troubleshooting using tools like Prometheus, Grafana, and Kibana
* Knowledgeable in Terraform best practices, versioning, and collaboration workflows using version control systems like Git.
* Proficient in Razor Pages for building web pages with a simplified model-view-controller (MVC) pattern
* Working on **SQL Server Reporting Service** with knowledge of **SSRS Server** management.
* Knowledgeable in Vue CLI for project scaffolding, development, and production build configurations
* **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.**
* Skilled in customizing ASP.NET Identity user stores, claims, roles, and password policies to meet application requirements
* Working on **IBM DB2** and **SQL Server 2019** including writing Stored **Procedures, queries, views, query** performance tuning skills etc.
* Proficient in Blazor component model, including Razor syntax, components, and data binding.
* - Familiarity with Vue.js ecosystem tools like Vue DevTools, Vue Test Utils, and VueX for enhanced development and debugging
* Strong expertise in Visual Basic .NET (VB.NET) programming language for Windows-based application development
* Developed N-tier web applications in .NET environment using C#, .NET, ASP.NET CORE Web API, Console Applications, Web forms, Win Forms using VS 2019 and SQL server 2019.
* Experienced in Apache Kafka for building scalable and distributed event streaming platforms
* Experience in building desktop applications, web services, and database-driven solutions using VB.NET.
* Utilized Kusto to run performance diagnostics and create custom reports, providing real-time insights into system health and usage patterns.
* Employed **Windows Server Management 2019** and **IIS 10** forimproved performance, security enhancements, and simplified management**.**
* GIS has been instrumental in my work, providing a robust platform for analyzing spatial data and making informed decisions.
* Working on database management in **IBM Data Studio** and **DB2** database management tool and **SQL Server Management Studio.**
* GIS has enabled me to integrate diverse datasets from various sources, enhancing the depth and accuracy of my analyses.
* Working on **MS Access** includes writing **queries, data** import from various sources etc.
* Experience with **ASP.NET MVC** by using the **Razor View Engine, JavaScript, HTML5, CSS3** for building front-end and UI.
* Spearheaded the development of .NET-based solutions to integrate experimental data from TRPC channel studies into cohesive databases. Streamlined data collection, storage, and retrieval processes to support efficient analysis by researchers.
* Ensured seamless user experiences across various web browsers by meticulously testing and debugging vanilla JavaScript code for compatibility issues.
* **Microservices** break down the financial reporting system into modular components, enabling **agile** development and deployment of specific functionalities.
* Proficient in Kafka architecture, including topics, partitions, brokers, and consumers.
* **Microservices** architecture facilitates scalability by independently scaling components based on demand.
* **Proficient in Visual Studio 2019, .NET, .Net Core, GIT, AngularJS, Azure Devops, Azure Cloud, and Terraform. Working experience in Docker and Kubernetes environment.**
* Application layer calls the web services to the requests sent by the users and send response as per the request by using logic and data.
* Proficient in ADO.NET for data access and manipulation within .NET applications, including querying databases, executing commands, and handling transactions.
* Proficient in MongoDB NoSQL database for storing and retrieving semi-structured data in document format.
* Performing validations to **Web Forms** using **.NET** Validation Controls.
* Engineered interactive visualization tools using .NET technologies to present complex TRPC channel data in a user-friendly format. Leveraged advanced charting libraries and intuitive UI designs to enhance data exploration and insight generation.
* Experienced in using ADO.NET providers like SQL Connection, SQL Command, SqlDataReader, SqlDataAdapter, and Dataset.
* Knowledgeable in jQuery plugin development and customization for extending and reusing UI components and functionalities
* Working on stored procedures and created queries to the required **SQL** statements.
* Proficient in Selenium WebDriver for automating web browser interactions and testing web applications across different browsers and platforms.
* Experienced in MongoDB query language (MongoDB Query Language) for data manipulation, aggregation, and indexing.
* Proficient in Docker containerization technology for packaging, distributing, and running applications in lightweight, portable containers.
* Performed architecture development, **runbooks, web application** development.
* Proficient in JSON (JavaScript Object Notation) for data interchange between client and server applications, including APIs, web services, and databases Knowledgeable in Jenkins plugins ecosystem for extending functionality and integrating with various tools and services.
* Performed administration tasks which is providing access **levels, permissions, creating users and groups in active directory** etc. in **SharePoint Portal** server 2019.
* Contributed to the design and implementation of algorithms in .NET for processing and analyzing TRPC channel signals. Collaborated closely with domain experts to translate biological requirements into scalable, high-performance computational solutions.
* Skilled in parameterized queries, stored procedures, and ORM frameworks like Entity Framework for object-relational mapping
* Using **EDMX** performed entity framework related development.
* Experienced in creating Docker images, Docker files, and Docker Compose files to define container configurations and dependencies.
* Involved in **Software development life cycle** (SDLC) of application from design phase to the implementation phase.
* Used **WCF** for interoperability with other platforms, technologies and for building custom solutions.
* 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.**
* Used **LINQ** to **SQL** provider to query SQL Server databases as well as SQL Server Compact databases.
* Proficient in configuring Jenkins jobs, pipelines, and workflows for building, testing, and deploying applications.
* Created monthly and weekly reports using **SSRS**.
* Developed web forms in **ASP.Net** using **C#.Net, AJAX Controls, HTML** and **JavaScript.**
* Designed efficient data models and schemas in Azure Data Explorer (Kusto) to optimize data storage and query performance.
* Familiarity with Swagger Codegen for generating server stubs and client libraries in various programming languages based on Swagger specifications.
* Developed several **MVC** applications with **ASP.NET MVC, JavaScript, jQuery, JSON, HTML, Angular.js, XHTML, CSS,** and **REST Client.**
* Proficient in T-SQL (Transact-SQL) programming language for querying, updating, and managing SQL Server databases.
* Experience with Asynchronous messaging using **Kafka, MSMQ, Redis**.
* Skilled in integrating SignalR with ASP.NET Core, ASP.NET MVC, or other server-side frameworks for real-time updates and notifications.
* **Experienced in developing ERP solutions using microservices architecture.**
* Experienced in building interactive web applications using Blazor, a framework for building client-side web UI with .NET.
* **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.
* Familiarity with Kubernetes ecosystem tools like Helm, Operators, and Istio for extending Kubernetes functionality and capabilities.
* Knowledgeable in using Swagger UI for exploring and testing APIs interactively within the browser.
* Skilled in optimizing T-SQL queries and database performance using query execution plans, indexes, and statistics.
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **Angular 15**. Worked on resolving User Interface issues using various **front-end technologies** such as **HTML, CSS, Bootstrap, AJAX.**
* Knowledgeable in XML Schema Definition (XSD) for defining data structures and validation rules.
* Developed stored procedures, views and triggers for data manipulation, ensuring set up **relations include indexes, constraints**, and **foreign keys**.
* - Experienced in SignalR framework for building real-time web applications with bi-directional communication between clients and servers
* Experience with HTML5 features such as semantic elements, audio/video embedding, canvas drawing, and form validation.
* Experienced in developing cross-platform applications using C++ and frameworks like Qt or Boost.
* Experience in deploying **EC2** instances for computing in **VPC’s** in AWS cloud.
* Skilled in integrating XML with various platforms and technologies, including databases, web services, and middleware.
* Proficient in NuGet package manager for .NET, facilitating package discovery, installation, and dependency management within Visual Studio projects.
* **Writing Unit test cases, integration test cases & Automation test cases.**
* Skilled in configuring NuGet package sources, versioning, and package restoration settings for efficient project development.
* Knowledgeable in NHibernate caching strategies, lazy loading, and transaction management for optimizing performance and data consistency.

**Environment:** C#, ASP.NET Core 6.0, SQL server 2019, WinForms, WCF, Rest services, ADO.NET, JavaScript, Web Services, X Path, Azure DevOps, EF core 6.0, Visual studio 2022, IIS, Rest, EDMX, AJAX, Typescript, jQuery, Angular, .NET Web Services, Kuber, SDLC, HTML, CSS, Bootstrap, SQL, JSON, LINQ, Razor View Engine,

Azure Cognitive Search, Azure storage account, Azure Functions, Logic Apps, Azure Application Insights, Azure Key Vault, Azure App Config Store, Send Grid, Azure Cosmos DB, Power shell, Visual Studio 2019, Azure DevOps, Azure Storage Explorer, Azure storage emulator.

**Client: CVS Health, Burlington, MA Sep 2021 to Mar 2023.**

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

**Responsibilities:**

* **Experienced in designing and implementing applications using C#, .Net, JSON, Web API, and Azure cloud technologies**.
* Proficient in React library for building single-page applications (SPAs) and user interfaces with reusable components.
* Knowledgeable in data access best practices, connection pooling, error handling, and performance optimization techniques
* Skilled in Razor layouts, partial views, and view components for code reusability and modularization
* Proficient in .NET framework libraries and APIs for GUI development, data access, and interoperability.
* **Active Directory Federation Services (ADFS), SAML, web Single Sign-on (SSO), OAuth and related authentication technologies.**
* Familiarity with ADO.NET Entity Data Model for designing and generating entity classes from database schemas.
* Knowledgeable in integrating Blazor applications with .NET backend services and databases.
* Skilled in locating web elements using various locators such as ID, XPath, CSS selectors, and handling dynamic elements.
* Skilled in generating API documentation and client SDKs automatically from Swagger specifications for better API discoverability and consumption.
* Experienced in Jenkins for continuous integration (CI) and continuous delivery (CD) pipelines automation.
* Skilled in MongoDB replication and sharding for scalability and high availability of data.
* Developed the system services, **SOA** application platform which can be used by all web applications utilizing **WCF** services.
* Experienced in NHibernate ORM (Object-Relational Mapping) framework for .NET, enabling database interaction through object-oriented domain models.
* Familiarity with Selenium WebDriver integration with testing frameworks like TestNG, JUnit, NUnit, or Mocha for test management and reporting.
* Proficient in mapping entity classes to database tables, defining associations, and configuring mappings using NHibernate XML or Fluent API.
* Implemented data partitioning strategies in Kusto to improve query performance and manage large-scale datasets effectively.
* Familiarity with T-SQL enhancements and features introduced in different versions of SQL Server.
* Experienced in React component lifecycle, state management with Redux or Context API, and React Hooks for functional components.
* Experience with Blazor layouts, routing, forms validation, and state management techniques.
* In this project we are involved in the technologies that work with **ASP.NET MVC, SQL, REST, SOAP** and all the related **.NET technologies.**
* Knowledgeable in MongoDB administration tasks such as installation, configuration, and performance tuning
* Skilled in using Visual Studio IDE for VB.NET development, including project management, debugging, and deployment.
* Skilled in React Router for client-side routing and navigation within React applications.
* 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**.
* **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**.
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture.
* Proficient in XML (eXtensible Markup Language) for data representation, configuration, and exchange between systems
* **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.
* The advantage of **Azure Data Factory** is to create workflows very quickly.
* Skilled in using Kafka Producer and Consumer APIs for publishing and consuming messages in real-time.
* Experience in parsing, validating, and transforming XML documents using technologies like DOM, SAX, XSLT, and XPath.
* Experienced in creating and publishing NuGet packages to share reusable components, libraries, or tools with the .NET community.
* 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 **SSIS** packages to export data from text file to **SQL server database**.
* Wrote UI related tables and stored procedures for report display and admin activities.
* Developed views and triggers for data manipulation, ensuring set up **relations include indexes, constraints,** and **foreign keys.**
* Extensively used datasets, Data table and Data view to retrieve and manipulate data and display it in an **ASP.NET** page.
* 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**.
* Integrated Kusto with Power BI and other reporting tools to create interactive dashboards and reports for stakeholders.
* **Extensively worked on UAT/PROD issues to ensure seamless application performance.**
* Performed a **Unit Test** and **integration** test for the application.
* Knowledgeable in Kafka Connect for integrating Kafka with external systems and data sources.
* 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.
* 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 already completed.
* Experienced in serializing and deserializing JSON data in various programming languages like JavaScript, C#, and Python
* Performed unit testing and integration testing by applying test cases **Rest Sharp, NUnit / xUnit**.

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

**Client: Fiserv, New Jersey May 2018 to Aug 2021.**

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

**Responsibilities:**

* 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.**
* Proficient in various AWS services including EC2, S3, Lambda, RDS, DynamoDB, and IAM.
* Innovatively designed and implemented reusable User Interface (UI) elements by leveraging **ASP.NET**, ensuring a modular and maintainable application structure.
* Experienced in Swagger (Open API Specification) for designing, documenting, and testing RESTful APIs, providing a standardized and interactive API documentation.
* Proficient in PostgreSQL relational database management system for data storage and retrieval.
* Utilized **ADO.NET** extensively for efficient and secure database manipulations and connections, adhering to best practices in data access.
* Knowledgeable in integrating React applications with backend services using RESTful APIs or GraphQL.
* Implemented stringent data validation protocols on **Web Forms, employing .NET Validation Controls and JavaScript** to enhance user input accuracy.
* Implemented scheduled Kusto queries for real-time data monitoring, generating alerts for critical business metrics.
* Experienced in deploying, managing, and scaling applications on AWS cloud infrastructure.
* Familiarity with React ecosystem tools like Create React App, React DevTools, and React Testing Library
* Configured advanced security features using **Form-Based Authentication** and **Role-Based Authorization,** implementing a robust **access control system through C# and ASP.NET**.
* Experienced in SQL querying, data modeling, and database design using PostgreSQL.
* Skilled in AWS CLI and SDKs for automating infrastructure provisioning and management tasks.
* Developed **RESTful/WCF** Web services and **APIs**, showcasing expertise in building scalable and interoperable backend components.
* 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.
* Created and deployed Web Services using **VB.NET, SOAP,** and **XML**, streamlining the retrieval of Customer Service Records.
* Skilled in advanced PostgreSQL features such as table partitioning, indexing, and stored procedures
* Knowledgeable in integrating HTML with CSS and JavaScript to create interactive web experiences.
* Familiarity with AWS monitoring and logging services like CloudWatch and CloudTrail for operational visibility.
* Experienced in Amazon DynamoDB NoSQL database service for scalable and high-performance data storage.
* Engineered REST Web Services, serving as a pivotal interface between SQL **Server Reporting Services (SSRS)** and **ASP.NET applications**.
* Skilled in integrating DynamoDB with AWS Lambda, API Gateway, and other AWS services for serverless application development.
* Adapted and optimized web services to seamlessly interact with other applications, exposing them using both **SOAP** and **HTTP protocols.**
* Developed complex reports using **SQL Reporting Services** (SSRS), enhancing data visualization and analytics capabilities.
* Implemented and optimized **SQL** Stored Procedures, ensuring efficient execution of database operations and improved application performance.
* Troubleshot query performance issues by analyzing execution plans, optimizing resource usage, and applying best practices in Kusto query writing.
* Contributed to the development of custom forms using **InfoPath 2007**, publishing them into the **SharePoint 2007** forms library for streamlined data capture.
* Successfully implemented custom workflow forms using **InfoPath** and orchestrated custom workflows using the **SharePoint Object model** and **MS Office 2007**.
* Undertook vital administration tasks, including provisioning access levels, managing permissions, and creating users and groups in the **Active Directory within SharePoint Portal Server 2007**.
* Skilled in Kubernetes cluster setup, configuration, and administration on various cloud platforms or on-premises environments
* Actively participated in various client meetings, collaborating with the team and Project Manager to discuss improvements and amendments, ensuring alignment with client expectations.

**Environment:** ASP.NET, C#, Microsoft SQL Server, 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, VB.NET, SOAP, XML, SQL Server Reporting Services (SSRS), SQL Stored Procedures, Triggers, InfoPath 2007, SharePoint 2007, SharePoint Portal Server, Active Directory.

**Client: Riteaid, Chennai, India Nov 2016 to Feb 2018.**

**Role: .Net Developer.**

**Responsibilities:**

* 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.**
* Developed and assisted in migration of web application to **Angular 7** 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 4** for developing application 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.
* 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**.
* 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.
* Skilled in Docker orchestration using tools like Docker Swarm or Kubernetes for managing containerized applications at scale
* Experience in creating complex **SSIS** packages using proper control and data flow elements.
* Experienced in Kubernetes container orchestration platform for automating deployment, scaling, and management of containerized applications.
* 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.
* 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**.

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

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

**Client: Nvest Bank, India Feb 2014 to Oct 2016**

**Role: Software Developer.**

**Responsibilities:**

* Designed, developed, and maintained **.NET**-based applications for banking solutions, enhancing user experience and operational efficiency.
* Developed web and desktop applications using **ASP.NET, C#, and SQL** Server, focusing on scalability, performance, and security.
* Participated in the entire software development lifecycle, from requirement gathering and analysis to design, development, **testing**, and deployment.
* Wrote clean, efficient, and maintainable code adhering to coding standards.
* Implemented error handling and debugging processes to identify and resolve issues in production environments.
* Collaborated with business analysts, testers, and senior developers to understand the project requirements and ensure effective execution.
* Worked within an **Agile** development environment, attending **sprint** planning, daily stand-ups, and retrospectives.
* Participated in peer code reviews to ensure quality standards and optimize application performance.
* Designed and managed relational databases using **SQL Server**, including writing **SQL queries**, stored procedures, and triggers.
* Performed database optimization and data migrations to ensure smooth application operations.
* Conducted unit and integration testing to ensure that software met functional requirements.
* Worked with the **QA t**eam to identify bugs and participated in user acceptance testing (**UAT**) to ensure successful project delivery.
* Prepared and maintained technical documentation for systems, processes, and coding procedures.
* Assisted in preparing user manuals and project documentation.
* Integrated third-party **API**s and banking services into the application.
* Provided post-deployment support and system maintenance to ensure **optimal system** functionality and customer satisfaction.
* Provided technical assistance to internal teams and end users to troubleshoot issues and resolve them promptly.

**Environment**: C#, ASP.NET, VB.NET, SQL Server 2008/2012, T-SQL, NET Framework (3.5/4.0) Visual Studio 2010/2013, Team Foundation Server (TFS), Git, Windows Server 2008/2012, HTML, CSS, JavaScript, jQuery, Agile Scrum, Git, TFS,IIS, Security.