**Nithya V**

**vnithya1008@gmail.com**

**Ph: (469) 820-0810 , +1 (704)-368-3320**

 **.Net Fullstack Developer**

**Professional Summary:**

* 12+ years of software development experience spanning using ASP.NET 4.7 in C# including high transactional enterprise e-commerce applications, with team leadership and mentoring experience. Expert in full System Development Life Cycle (SDLC).
* 11 years of troubleshooting production problems related to software applications
* Proven experience in the IT field with a focus on the technical reporting, system setup, data analysis, and analytics.
* Expert in Systems Analysis, Design and Implementation of various applications including Web and Client/Server, using Microsoft .NET Framework, C#.NET, ASP.NET, Asp.net MVC, AJAX.net, WCF, LINQ, Kendo, jQuery and EXTJs.
* Expert in designing and developing web based and windows-based applications using ASP.Net, C#. Net ADO .Net, Web Services, IIS, JavaScript, HTML, HTML5, DHTML, XML, AJAX and WCF.
* Experience in Architecting, Designing and Deployment of High-Performance, Scalable, distributed web and windows applications using Microsoft Technologies and SQL Server 2000/2005/2008/2014.
* Used MVC (Model View Control) with OOAD (OOD, Object Oriented Design) pattern.
* Familiarity in building Web Services using WSDL and SOAP Protocol.
* Hands on experience in SQL Server and Oracle database design and development in writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers and User Defined Functions.
* Source Code Control Systems like Microsoft Visual Source Safe 6.0, Microsoft Visual Studio Team Explorer and SVN.
* Excellent communication and interpersonal skills.
* Acquaintance using report generation tools like SQL Server Repots (SSRS).
* Highly dedicated, quick starter, solution driven pattern programmer, Strong in Object Oriented Analysis and Design, Excellent at solving complex problems under strict deadlines.
* Capable of working the full life cycle of a project from initial customer requirements through delivery.
* Good understanding of configuration and change management within the corporate environment.
* Ability to work independently, internally and externally with minimal supervision Team player with good communication and written skills and also a self-motivated individual.
* Capable of working on identifying and fixing security issues in application.
* Very good experience in Xamarin and .NET MAUI both frameworks developed by Microsoft for building cross-platform mobile applications using C# and .NET

**Technical Skills:**

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| **Languages** | C#, VB.Net, C, PL/SQL, T-SQL. |
| **Microsoft .Net** | ASP.NET Core 2.0/3.0, .NET Framework 4.0/4.5, C#.NET, ASP.NET, WCF, WPF, ADO.NET, MVC 3.0/4.0/5.0, AJAX, Web-services, Web API, ASP, Entity Framework, XAML, LINQ, Azure |
| **Web Technologies** | HTML 5, DHTML, CSS, ASP, XML, XSD, XSLT, JavaScript, AngularJS, Angular 2.0/4/5, jQuery, VBScript, Vue.JS, Xamarin, MAUI |
| **Databases** | SQL Server 2005/2008/2008 R2,2014, SQL, PostgreSQL |
| **Version Mgmt.** | GitHub, Visual Safe Source, Team Foundation Server, Surround SCM |
| **IDE/Platforms** | Visual Studio 2019/2017/2015, Visual Source Safe, Visio.Windows, Linux, Mac, IIS 6.0/7.0/7.5 |

**Professional Experience:**

**MPower Health, Albuquerque , NM Apr 2022 – Present**

**Sr. Dotnet Developer**

**Responsibilities:**

* Develop custom integrations for regulatory information and userability within the .NET applications, incorporating specialized features to ensure compliance with industry regulations and enhance user experience.
* Collaborate with regulatory experts and stakeholders to understand and implement specific regulatory requirements within the application, utilizing MongoDB, Microsoft Graph API, RabbitMQ, SQL databases, Azure services, React, Blazor, Vue.js, TypeScript, JavaScript, Cosmos DB, FHIR, Power Apps, Angular 11, and other technologies.
* Design and implement features related to regulatory compliance, such as data encryption, audit trails, and access controls, using authentication mechanisms with Azure AD, Azure B2C, and other security tools to safeguard sensitive information.
* Extend the existing data models and database structures to accommodate regulatory data, ensuring seamless integration with MongoDB, Microsoft Graph API, RabbitMQ, Cosmos DB, SQL databases, and other relevant technologies.
* Implement user-friendly interfaces and workflows that consider the end user's experience while adhering to regulatory guidelines, incorporating React, Blazor, Vue.js, TypeScript, JavaScript, Angular 11, and following MVVM patterns in WPF-based applications.
* Leverage the power of Azure services and tools to enhance regulatory compliance, utilizing features such as Azure Policy, Azure Security Center, and Azure Compliance Manager.
* Implement custom dashboards and reporting tools to provide insights into regulatory data, utilizing real-time data visualization techniques with React, Blazor, Vue.js, Angular 11, and other appropriate technologies.
* Worked on building cross-platform mobile applications like Xamarin a framework that allowed to create native Android, iOS, and Windows apps with native user interfaces and shared code written in C#.
* Good hands-on experience in .NET MAUI which is enhanced version of Xamarin..NET. MAUI extends Xamarin for providing a more flexible and powerful framework for building cross-platform applications.
* Ensure that custom integrations for regulatory information are scalable and maintainable, collaborating with DevOps teams for smooth deployment and management in Azure production environments.
* Conduct thorough testing of the custom integrations, including validation of regulatory features, data accuracy, and userability, working closely with quality assurance teams to address any issues.
* Document the design, implementation, and testing processes of custom integrations for regulatory information, providing comprehensive documentation for future reference and compliance auditing.
* Stay informed about the latest developments and changes in regulatory requirements, and proactively update the custom integrations to align with evolving standards.
* Mentor and guide junior developers in understanding and implementing regulatory features within the application, enforcing best practices and coding standards.
* Participate in code reviews specifically focused on the custom integrations for regulatory information, ensuring code quality and compliance with industry standards.
* Collaborate with cross-functional teams to gather user feedback on regulatory features and continuously improve the userability of the application in adherence to regulatory guidelines.

 **Environment:**Visual Studio 2010, C#.Net, .Net core 2.2, ASP.NET MVC, Mongo DB, GraphQL jQuery, Xamarin, .Net MAUI, LINQ, ADO.NET, Windows server 2008, MS SQL Server, SSIS, SSDT, HTML5, Ajax, WCF Services, windows services, WPF, JavaScript, Knockout JS, SSRS, SOAP, XML, TFS.

**TIAA ,** **Charlotte, NC Dec 2019 – Mar 2022**

**Sr .Net Fullstack Developer lead**

**Responsibilities:**

* Developed custom integrations for regulatory information and userability within the Finance Module, ensuring compliance with industry regulations and enhancing the user experience.
* Collaborated with regulatory experts to understand and implement specific regulatory requirements within the Finance Module, utilizing MongoDB, GraphQL, RabbitMQ, Azure services, React, Vue.js, Blazor, FHIR, Power Apps, Angular 10, and other technologies.
* Extended the data access layer to accommodate regulatory data, ensuring seamless integration with MongoDB, GraphQL, RabbitMQ, Azure services, and other relevant technologies.
* Designed and implemented features related to regulatory compliance within the user validation, authentication, and authorization module. Leveraged Azure Active Directory, Azure B2C, React, Vue.js, Blazor, FHIR, Power Apps, Angular 10, and RabbitMQ for streamlined authentication processes and secure access to Azure-based services.
* Employed Eyeshot's 3D rendering and modeling tools to enhance the visualization of regulatory data within the application, complementing Azure's cloud capabilities, React, Vue.js, Blazor, FHIR, Power Apps, Angular 10, and RabbitMQ for a comprehensive solution.
* Ensured compatibility and integration between Eyeshot, Azure services, Azure AD, Azure B2C, CSOM, JSOM, React, Vue.js, Blazor, FHIR, Power Apps, Angular 10, and other components to deliver a seamless and feature-rich 3D modeling experience for regulatory data.
* Utilized XML extensively to generate and validate input and output for regulatory data, ensuring data integrity and efficient communication with Azure services, React, Vue.js, Blazor, FHIR, Power Apps components.
* Created dynamic single-page applications using AngularJS, React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 for presenting and interacting with regulatory data, optimizing user experiences and integrating them with Azure's cloud infrastructure.
* Implemented automated unit testing through Test Cases to ensure the reliability and regulatory compliance of applications hosted on Azure. Thoroughly tested React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 components for functionality and performance.
* Leveraged Master Pages, CSS, and Azure's CDN for optimized content delivery in regulatory interfaces. RabbitMQ facilitated real-time notifications and updates for React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 components related to regulatory data.
* Experience on building cross-platform mobile apps using C# and .NET, while .NET MAUI is the next iteration and evolution of Xamarin.Forms, offering improved capabilities and a more modern approach to cross-platform development.
* Knowledge in Creating app once in a single project and deploy it to multiple platforms (iOS, Android, Windows) using .NET MAUI. Also used .NET MAUI which introduced new controls and features that were not available in Xamarin.
* Utilized AJAX toolkit and Azure's serverless capabilities to create dynamic web pages within the application for regulatory features. RabbitMQ was employed for managing asynchronous processes for React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 components related to regulatory data.
* Contributed to the database design for regulatory data using UML, writing Stored Procedures, Triggers, and functions in T-SQL for SQL Server. Employed Azure SQL Database for scalable data storage. Integrated React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 components for regulatory data visualization.
* Utilized SQL Server Integration Services (SSIS) for ETL processes, integrating regulatory data into Azure SQL Database. RabbitMQ was used for triggering data integration tasks. Integrated React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 components for regulatory data presentation.
* Worked closely with stakeholders to gather requirements and define the scope of regulatory features, aligning them with the overall project goals and Azure's cloud services.
* Employed MongoDB for efficient storage and retrieval of regulatory data, utilizing RabbitMQ for event-driven communication, and integrated React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 components for dynamic regulatory data presentation.
* Utilized GraphQL for optimized API queries, employing RabbitMQ for event-driven communication between services, React, Vue.js, Blazor, FHIR, Power Apps, Angular 10 components related to regulatory data.

**Environment:** .Net 4.0, .Net Framework, ASP.Net, C#, XML, Mongo DB, GraphQL HTML, ADO.Net, IIS 7.0, MVC, WCF (Windows Communication Foundation), WPF, LINQ, SSIS, SSDT, JavaScript, Xamarin, .NET MAUI,jQuery, Ajax, CSS, MS Visual Studio 2010, Team Foundation Server (TFS), T-SQL, SQL Server.

**T Rowe price ,** **Owings Mills, MD Apr 2017– Nov 2019**

**.Net Developer**

**Responsibilities:**

* Involved in requirement gathering, analysis, design and construction in Agile Process utilizing Agile unified process and agile modeling techniques.
* Used N-tier architecture for presentation, business, and data layers.
* Involved in implementing the logic using Vb.net.
* Developed core functionality with the ASP.NET MVC Framework, C#.
* Designed interactive ASP.NET MVC Razor views using MVC controls, jQuery, HTML, XML, CSS, and AJAX to provide excellent user experience.
* Extensively worked on User Interface pages using C#, CSS, HTML, AJAX, Java Script, jQuery to implement complex Business Rules and Validation of front-end forms.
* Worked with ASP.NET Web Forms, Web Services, and State Management, caching features, configuring optimizations, securing the web applications and Web Services Components consumed for authenticating the user credentials.
* Extensively used ASP.NET, vb. NET Validation Controls and JavaScript for client-side validations on the Web Pages.
* Analyzed and designed new WPF application using MVVM and Repository pattern, from design to completion.
* Implemented data editing, Filtering, Sorting, Paging in Data list and Data grid controls using ADO.NET.
* Extensively used XML, XSLT for data transformation from the backend database, used in resource localization, message transfers between the components and systems.
* Performed querying to database using LINQ to SQL and querying to XML files using LINQ to XML
* Worked on components using ADO.NET and WCF (Windows Communication Foundation) Services to communicate with the SQL Server Databases to implement Business Logic.
* Very comfortable hosting and consuming WCF (Windows Communication Foundation) Services using different binding protocols.
* Involved in the Data conversion activity for getting all the legacy data from COM components.
* Developed SSIS package to automate the data transfer.
* Created web reports using SQL Server Reporting Services (SSRS).
* Involved in Unit Testing, Integration Testing and Regression testing to improve the performance of the application and fixing the issues occurred in the testing process.
* Involved in Technical documentation.

**Environment:** .Net 4.0, ASP.Net, C#, jQuery, ASP, XML, HTML, ADO.Net, IIS 7.0, WCF (Windows Communication Foundation), Agile /SCRUM Methodologies, JavaScript, Ajax, LINQ, T-SQL, SQL Server 2008, T-SQL, TFS – Team Foundation Server.

**Eleviant Tech, Chennai Mar 2014 – Dec 2016**

**Dotnet Developer**

**Responsibilities**

* Involved in Design, Development and Testing of Windows Forms, Web Forms and Web Services using IIS, Classic ASP, and ASP.NET, C #/C++, XML Dataset, and .NET Framework.
* Used Innovative validation techniques for User Input Validations.
* Worked on different biometric sensors and integrated them in the project.
* Worked on reading data from RFID cards, smartcard readers and integrated printers to application.
* Developed data reader to transfer data from devices to database.
* Created Role Based security levels for Windows Forms Authorization.
* Implemented server caching techniques, state management, windows, and Forms Authentication in ASP.NET.
* Developed the application using ASP.NET, C#, ADO.NET, SQL Server 2005 and XML.
* Used Design Patterns for maintaining relationships between classes and objects with defined responsibilities.
* All Data Access was done through web services calls to a cache database on the back end.
* Involved in Writing views, functions, triggers, stored procedures.
* Coding in C# using ado.net technologies, xml and for client-side validations used Java script.
* Used Cascading Style Sheets (CSS) to apply styles to List View and some other tables in dashboards.
* Used Cascading Style Sheets (CSS3), html5, Ajax, JavaScript, and jQuery coding techniques in developing Portal Web Application.
* Implemented this Project using ASP.NET MVC.
* Involved in unit testing, integration testing and deployed to Production Server.
* Used various controls in .NET 3.5 Framework, for example Grid View control to display data in tabular form and Data Pager control for paging, etc.
* Involved in N-Unit testing and writing test scripts and scenarios.
* Involved in customizing the Windows Forms Data grid.
* Developed the User Interfaces using ASP.NET.
* Developed custom controls for Windows Forms and generating reports.
* Involved in the development of SOAP based XML Web Services Financial account management and Purchase Orders which form the business logic components of the system.
* Used ADO.NET extensively to access the database.
* Prepared Test cases provided technical documentation.

**Environment**: ASP.NET1.1, C++, VC++, VB.NET, C#, IIS 5.0, Classic ASP, ADO.NET, Visual Studio.NET and XML, XML Web Services, SOAP, JavaScript, ASP.NET 3.5, C#, Entity Framework, LINQ, Web API, Web services, XML, HTML, Java Script, query and SQL Server 2005/2008 and AJAX.

**Co-Operative Bank, India Sept 2012 – Feb 2014**

**Role: .Net Developer**

**Responsibilities:**

* Responsible for analysis, design, implementation, management, and maintenance of full software development life cycle (SDLC) projects.
* Worked with a business analyst to gather system requirements.
* Implemented and extensively used the Object-Oriented Programming concepts in C#, VB.Net and ASP .NET MVC5.
* Experience in front end development using HTML5, CSS3, and jQuery, JavaScript, Typescript, XML and Bootstrap. Provided training to Business users about the system.
* Developed Web API services and hosted with ASP.NET MVC5 application.
* Created and optimized views for user interactions using objects of HTML5 Helper class, Custom Helpers, and jQuery.
* Developed web services using WCF for new enhancement.
* Created data entry in the application, with LINQ to query objects.
* Used the AJAX tools like Update Panel etc. for partial post back and used JavaScript for client-side validations.
* Used ADO.NET Entity Framework Code First for data access logic, querying and manipulation data.
* Created Stored Procedures, Views, Triggers and Complex T-SQL queries in SQL Server.
* Used the Microsoft SQL Server Reporting Services to display the data in reports form.
* Created and deployed SSIS packages to production, scheduled them to run on a routine basis and monitor error log for errors.
* Implemented Unit Testing, Integration Testing and System Testing using NUnit.
* Used Team Foundation Server (TFS) for project repository and versioning control.
* Followed agile methodology for development.
* Performed several testings to fix the bugs and ensure the application error-free.

**Education:**

Bachelors of Technology-JNTUH-(2012)