**Vanitha V**

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**. Net Developer**

# Professional Summary:

* Around 6 years of experience in the areas of application programming, system design, development, deployment, execution, testing and Implementation of business applications.
* Strong exposure to patterns MVC (Model-View-controller), WCF, LINQ, Work Flow 4.0, Visual Studio, Web services, XML, SQL Server.
* Extensive experience in developing web pages using HTML/HTML5, XML, DHTML, CSS/CSS3, JavaScript, ReactJS, AngularJS, jQuery, JSON, NodeJS, Ajax, JQuery and Bootstrap.
* Experience in complex, scalable software solutions utilizing MS Azure and worked on Azure cloud computing.
* Extensive knowledge of C# object oriented programming language concepts like Abstraction, Polymorphism, Inheritance and Encapsulation.
* Expertise in Design and Development of User Interfaces, User and Custom Controls using ASP.NET and C#.
* Experience in operating VB and in connecting forms in VB to SQL.
* Experience in using ADO.NET objects such as SQL Connection Object, SQL Command Object, Data Reader Object, Data Set Object and Data Adapter Object and in consuming ADO.NET Entity Frame Work for Entity Data Model, Entities, Relationship Mapping and Querying Data.
* Experience using Microsoft Visual Studio to create Windows Form Applications, Console Applications, Class Libraries, ASP.NET projects and Web Sites.
* Used various WPF controls and Telerik controls, and developed user controls to design custom UI to meet the requirements and to increase the ease of use for customers.
* Experience in creating rich content Web and Win-Forms, Web User and Server Controls and Windows Service.
* Experience in Implemented SOA architecture with Web services and Creating, Consuming and Publishing XML Web Services (SOAP, WSDL) and Windows Services using .NET.
* Experience in creating Entity classes, relationships between entity classes using LINQ (Language Integrated Query) to SQL , XML and manage relational data as objects.
* Strong in client/server and Windows/Web application development using latest technologies: .NET, Visual Studio 2015/ 2013/ 2010/ 2008, C# 4.0/ 3.0/ 2.0, ASP.NET 4.0/ 3.0/ 2.0, and ADO.NET
* Experience Building dynamic web view applications using ANGULARJS, JQuery, Java Script, HTML5, CSS3, JSON, SAPUI with ASP.NET Web Forms, MVC, and Razor View Engine
* Good experience in developing stored procedures triggers using PL/SQL, T-SQL in relational databases such as SQL Server, MySQL and Oracle 11g/12c.
* Experience working with Web Forms, User Controls, and Web Controls using HTML5, DHTML, CSS, CSS, XML, XAML, JavaScript and JQuery.
* Experience working on N-Tier Architectures such as MVC (Model View Controller), MVVM (Model View, View Model) in applications.
* Good experience in utilizing Microsoft Visio for preparing project specifications and design documents
* Strong technical delivery skills in Multi-tier MS Platform with Object Oriented Analysis & Design.
* Experience in using Postman and Fiddler for validating APIs.

# Technical Skills:

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| **Programming Languages** | C# (C#.Net), Visual Basic (VB.Net), JavaScript, XML |
| **.NET Technologies** | .Net Framework (4.8, 4.7, 4.6, 4.5), .Net Core (6, 5, 3.1), ASP.Net MVC 5, ADO.NET, Web API, WCF, WPF, Entity Framework, LINQ, Web Forms, Win Forms |
| **Web Technologies** | HTML5, DHTML, CSS3, XML, XSL, XSLT, JavaScript, AJAX, Bootstrap, JQuery, AngularJS, ReactJS, NodeJS, Razor View Engine, Telerik Controls |
| **Cloud Infrastructure** | Microsoft Azure, Amazon Web Services (AWS) |
| **Reporting Tools** | SQL Server Reporting Services (SSRS), Crystal Reports |
| **Servers** | Internet Information Server (IIS) (10, 8, 7) |
| **Version Control** | Git, GitHub, Bit bucket |
| **CI-CD Tools** | Jenkins |
| **Testing Frameworks** | NUnit |
| **Development Environment** | Visual Studio (2022,2019, 2017, 2015), Eclipse |
| **Databases** | Oracle11g/12g, SQL Server, MySQL |
| **Operating Systems** | Windows, Linux, Unix |

**Professional Experience:**

# Busey Bank, Champaign, IL Aug 2022 to Present

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* Highly instrumental in fixing severe production issues of the company.
* Working as a System Administrator and responsible for setting up and managing the System.
* Developing and maintaining the recruiting operational activities.
* Applied strong communication and interpersonal skills as an Onsite coordinator while managing an offshore team responsible for development, enhancement, and support activities.
* Developed front-end of application using HTML5, DHTML, CSS3, JavaScript, ReactJS, Razor View Engine, AJAX Controls, jQuery and JSON. Developed and configured Restful API's and ADO.NET Entity Framework for ORM.
* Used ReactJS for creating interactive UI's using one-way Data flow, Virtual DOM, JSX, React Native concepts.
* Wrote the reducers and dispatchers in order to return the new states for the web app (React + Redux).
* Process-oriented level responsible for preparing various process documents like Business Analysis, Requirement analysis, High Level Design, Detailed Level Design, Impact Analysis, Project Plan, Matrix and Defect Trackers.
* Be a technology leader in the team helping address key technical problems and challenges from technology selection to scalability, availability, and performance problem resolution, in addition to build functionality based on requirement specifications & high-level architecture design from architects.
* Developed WCF Services, defining Endpoints, Data Contracts, Message Contracts, Bindings, and Transaction management in service layer and hosting WCF services.
* Implemented Entity Framework, LINQ to Entities and LINQ to SQL for connecting the database and performed all the database transactions. Used WPF, Win Forms with C#, developed windows application parallel to project.
* Applied form validation like template-driven form for login page simple validations. Used react form for more complex like register validations. (Ensure email, confirm passwords matched).
* Performing 2nd line support for production systems as well as various test or onsite support
* Conducting system design review and software & code inspection to ascertain conformation to best design and coding practices on system deliverables
* Implementing Unit Testing, Integration Testing and System Testing using NUNIT. Implemented Unit Testing through MS Test and created tests for all functions used in the application.
* Identifying potential areas regarding software application development where existing policies and procedures are required to change, or when new approaches need to be developed.
* Reporting to development manager, also work with project manager, solution architects and business users during the analysis, definition, and development phases. Also helping to document System design and requirement according to business requirements.
* Performing other activities like Deployment in Azure, monitor production, stage and UAT environment,
* Monitoring daily Central Entity Services, Check Points and AIR environment.
* Creating the ticket, analysis the root cause and issued it to the related team using Service Now,
* Performing Tech Reporting to generate daily report.
* Patching and analyzing VMs and performing DSP refinitiv load automation.
* Preparing deployment scripts, performing search index monitoring, assisting dev team and source team.

**Environment:** Visual Studio 2019,2022,.Net 4.8, .Net Core 6, ASP.Net MVC 5, ADO.Net, C#.Net, Microsoft Azure, Entity Framework, Web API, WCF, WPF, Win Forms, Web Forms, LINQ, HTML5, DHTML, CSS3, JavaScript, ReactJS, Razor View Engine, AJAX Controls, jQuery, JSON, Telerik Controls, IIS 10, REST API, SQL Server, Windows, NUnit, SQL Server Reporting Services (SSRS)

# EHealth, Inc., Austin, TX Jul 2020 to Jul 2022

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* Implementing the project according to the Software Development Life Cycle (SDLC) and programming by using fast-paced agile methodology, involving task completion, user stories, and iterations.
* Designed and developed secure cloud and web applications with .Net 4.7.2, .Net Core 3.1, Visual Studio and Amazon Web Services (AWS).
* Worked on web development using ASP.NET, ADO.NET, Web Services, WCF, JavaScript, JQuery, Angular, HTML, CSS, XML, Entity Framework, Razor Syntax and HTML.
* Developed and designed web application with the Angular 10/12 and Web API as backed layer by using .NET Core.
* Designed and developed a web application by using Angular 10 as front-end and using Web API to receive and pass data to back-end. Involved in complete application stack in Amazon Web Services (AWS) like AWS EC2 and S3 Bucket.
* Responsible for maintaining and expanding AWS (Cloud Services) S3 infrastructure using AWS (SNS, SQS).
* Designing, developing and consuming .Net Web Services for the project and Development support for .Net web services in ASP.Net with C#.Net and consumed it.
* Designing and developing various abstract classes, interfaces, classes to construct the business logic in Model using C#.
* Designing the ASP.NET application authentication using .NET Framework, Model View Controller MVC and IIS security model.
* Working on Agile methodology and SCRUM for the development and Responsible for attending daily scrum meetings to accommodate client's requirements.
* Implementing MVC Architecture on client side and creating Models, Controllers, and Views Scope etc.
* Utilizing ASP.NET MVC framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Using ADO.Net for database interactions using Data Reader, Data Adapter, Data view and Datasets.
* Working on JavaScript, JQuery with Ajax / Server calls for the client validation and to get server data.
* Converting JavaScript to JQuery, and moved server side code to client side using JQuery to speed up the website.
* Working on Azure Storage, SQL Azure and also in different PaaS Solutions with Web, and worker Roles and Azure Web Apps
* Implementing Interface whenever possible to enhance usability, testability and to increase performance.
* Using XML and JSON Serialization for transferring the data from controller to view.
* Building a robust and scalable application that calls a data service based on the SOA (Service Oriented Architecture) paradigm and built using WCF.
* Building WCF clients to make synchronous calls to Web Services over HTTP and SOAP.
* Implementing Unit Testing, Integration Testing and System Testing using NUNIT. Implemented Unit Testing through MS Test and created tests for all functions used in the application.
* Utilizing Entity Framework 6.0 to Implement Code First Approach to interact with Database.
* Utilizing the TFS source control to keep track of new and past versions of code written in my application.

**Environment:** Visual Studio 2019., ADO.NET, ASP.NET, C# .NET Framework 4.8,4.7, WCF, WPF, XML, HTML, ASP.NET MVC 5/ 4, ASP.NET, ADO.NET, SQL SERVER, IIS 7.0, JavaScript, Shell Scripting, Windows Server, Agile / Scrum.

# Nevada Health Link, Las Vegas, CA May 2018 to Jun 2020

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* Designed ASP.NET application authentication using .NET Framework4.7, Model View Controller and IIS security models.
* Used Model View Controller (MVC) pattern to develop the application using ASP.NET MVC Razor, Entity Framework and LINQ.
* Created ASP.NET web pages that provide new features and enhanced user experience.
* Developed Web layer with ASP.Net, Business layer with C#.Net, Data access layer with ADO.NET advanced functionality.
* Developed solutions for diverse programming scenarios in C#.Net, employing Object Oriented Programming (OOPS) concepts such as Encapsulation, Inheritance, Polymorphism, and Abstraction.
* Used ADO.NET objects for Database interaction and dynamically populating data onto user interface screens. Developed user and custom controls using C# and Visual Studio 2017.
* Used JavaScript and JQuery Plugins for various client-side scenarios and used MVC Razor for client-side validations.
* Created a Data Layer object in C# which gives the common classes of methods to execute stored procedures into a Data Set, Data Table and Data Reader.
* Worked in WCF to send data as asynchronous messages from one service endpoint to another and service hosted by IIS 8.
* Used Entity Framework to provide a relationship between tables in the original legacy schema.
* Used LINQ for data communication for the web application and the databases.
* Maintained Microsoft Office C# Applications using Visual Studio Tools.
* Created database objects like tables, views, and stored procedures that are used throughout the application.
* Implemented Unit Testing, Integration Testing and System Testing using NUNIT.

**Environment:**.Net Framework 4.6, ASP.Net, ADO.Net, C#.Net, WCF, Entity Framework, LINQ, Visual Studio 2017, IIS 8, Razor, HTML, CSS, JQuery, JavaScript, NUnit