###### **Harsha**

###### **Full Stack .NET Developer**

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**Summary**

* Around **9 Years** of Experience in Client Server, Internet/Intranet application development with extensive data processing application software design, development, testing and maintenance (Complete **SDLC**).
* Experiencein.Net technology like Web Applications, Database Applications using **C#.Net, ASP.Net, ADO.Net, WCF Services, MVC, LINQ, JavaScript, jQuery, Ajax, IIS, Dapper and .Net Core.**
* Thorough knowledge of **Object-Oriented Programming (OOPs)** concepts.
* Good experience in designing, developing **Web, Windows Services, .Net Core, windows Applications** using **Visual Studio2019.**
* Worked on **Stored Procedures, T-SQL and SQL Programming.**
* Experience in developing and consuming **Web API** using **C#.NET.**
* Hands-on-experience using **SQL Server 2008/2017**.
* Knowledge of **Python**.
* **Self-starter** and comfortable in high intensity and **challenging** work environment.
* An effective **team player** that understands the value of working together towards a common goal

**Software Skills:**

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| **.Net Technologies** | ASP.NET, ADO.NET, WPF, WCF, MVC, LINQ, Entity Framework, Net Core,  WEB API, Win Forms, Web Forms and Web Services |
| **Languages** | C# NET, VB.NET, Visual Basic, C++ |
| **Web Technologies** | HTMLS, DHTML, XML, XSD, XAML, JSON, AJAX, Bootstrap & CSS |
| **Scripting Languages** | JavaScript, jQuery, React JS, Visual Basic Script |
| **Framework** | Microsoft.Net Framework and Net Core. |
| **Operating Systems** | Windows XP/Windows Server/Windows7/ Windows |
| **IDE** | Web Storm& Visual Basic, VS 2017,2019,2022 |
| **Web Servers** | IS (Internet Information Server) |
| **Testing Tools** | Postman & Selenium |
| **Reporting Tools** | SSIS, SSRS, Crystal Reports |
| **Methodologies:** | Agile and Waterfall. |
| **Databases** | SQL SERVER, Microsoft Access database &Oracle. |
| **Product Development Tracking Tools** | Agile Central (Rally), Jira, TFS |
| **Source Controls** | SVN, TFS, Jenkins, GIT |

**Client: Citi, Boston, MA​​​​​​ Sep 2022 - present**

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

**Responsibilities:**

* Involved in gathering business requirements and translating them into functional specifications.
* Involved in designing and creating the database.
* Extensively used **C#.NET** to develop server-side event handling and components to handle business processes.
* Responsible for developing and maintaining **APIs** using Microsoft technologies such as **.NET Framework, .NET Core**, and **C#**.
* Used **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.
* Designed, modelled, and architected multi-threaded, enterprise n-tier software agent using **WCF, C#** web service hosted in a Windows service.
* Incorporated **REST Web API** based endpoint on the Web Role and exposed bi-directional POST methods.
* Developed the sophisticated **Micro Services/API’s** using **C#.Net, .Net Core 3.1, Entity Framework Core, ASP.NET MVC Core Packages, DB2, SQL Server &MongoDB** data dependencies, JSON, Signal, SDK NuGet packages for inter-micro services communication & re-usability.
* Implemented **TDD & BDD** approach with **X Unit and Spec Flow** to test each piece of functionality of the services.
* Performed ETL process using SSIS packages with **C# .NET**, Visual Studio to process **SQL** server to implement the mapping rules to the output SQL server tables.
* Performed data transformation process ETL to input data from flat files and access databases.
* Implemented **ETL** to load the claims data and manage the claims processing system.
* Experience in overseeing MongoDB condition from accessibility, execution, and adaptability points of view.
* Providing production support after the deployment of the modified changes to the code and any bug fixes.
* Developed front-end components using **HTML5/CSS3** and **Angular 8.** Also involved in back-end in creating Web API with Entity Framework.
* Integrated Blazor applications with **ASP.NET Core** backend services, leveraging the power of the .NET ecosystem for seamless integration and data exchange.
* Implemented routing and navigation within **Blazor** applications, enabling users to navigate between different pages and components.
* Proficient in leveraging Blazor's dependency injection system for managing services and dependencies within the application.
* Implemented core concepts like **HTTP, HTTPS, SSL/TLS**, versioning, breaking changes, backwards compatibility, web API, and RESTful web services that are essential for building robust and scalable web applications.
* Developed components using **WPF** and **XAML**.
* Created middleware component classes and **WCF** services across the enterprise and integrated UI using **MVVM** pattern using **WPFHelper** class.
* Designed user interface using Angular 8 web forms. Implemented Angular 8 Routing, Navigation, Components and Services. Implemented Angular 2 pipes such as date, string length slice, and number.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 8/11.
* Creating Custom Reusable React Components Library and making sure the web apps/sites responsive to all digital devices meet in accessibility following **WCAG 2.0** Guideline and ADA technical standers.
* Incorporated Angular 8 Materials as well as other third-party UI component library modules.
* Utilized RabbitMQ to implement messaging patterns like publish/subscribe, request/response, and event-driven architectures.
* Created Weekly and Monthly reports in SQL Server Reporting Service (SSRS).
* Installing, configuring, and administering the Jenkins CI tool using AWS Ec2 instances.
* Designed and implemented cloud infrastructure using AWS technologies such as SQS, SNS, Lambda, and CloudFormation.
* Developed microservice on boarding tools for building jobs and Kubernetes deploy and service.
* Used pipelines to drive all micro services build out to Docker and deployed Kubernetes to manage pods.
* Involved in designing and developing the Middle Tier using ADO.Net to perform and implement business logic, Updating/retrieving the data to/from SQL Server Database.
* Used SQL Data Adapters & Datasets extensively for database activity.
* Used SQL Server 2005 and wrote complex queries and stored procedures.
* Worked on performance tuning of the application especially on SQL Server Stored Procedures.
* Performed container-based deployments using Docker, docker images and Kubernetes.
* Conducted automated testing using tools like Postman and JBehave to ensure high-quality software.
* Contribute to the development and execution of unit, system, integration, stress, and user acceptance testing.

**Environment: C#.Net, ASP.NET MVC, WCF, REST API, PL/SQL, SSRS, ETL, ADO.Net, SSIS, SQL Server 2005/2008, Dependency injection, Visual Studio.Net 2010, AWS .Net Framework 4.0, WPF, Micro Services/Rest API’s, HTML, JavaScript, Angular 2/8/11, jQuery, Windows XP**

**Client: Merck Pharma, NJ June 2019 -June 2022**

**Title: Software Developer**

**Description:** Cognizant is the largest and strongest Service Based company of the U.S. government and regulates all aspects of civil aviation in the country as well as over surrounding international waters.

**Responsibilities:**

* Developed **WCF** services for both **Desktop** and **mobile applications.** Designed and developed various abstract classes, interfaces, classes to construct the business logic using C# and VBNet. developing web roles with rich UI using **ASP.NET MVC5,HTML 5,CSS3,CSS,DHTML,AJAX,jQuery,Json, WEB**.
* Worked with **Windows Azure** Worker Roles & Web Roles. Worked with **Azure Table Storage, Queue Storage,** and **Service Bus** and **Blob storage.**
* Designed and developed web forms using **ASP.Net** by using **C#.Net/.Net frame work 4.7.**
* Used **Entity Framework** for working with Relational data and **LINQ** for updating the data.
* Worked with the application using **LINQ** to Entities in an **ASP.NET Entity framework.**
* Implemented LINQ for querying, sorting, filtering complex objects.
* Used Amazon Web Services (**AWS**) for improved efficiency of storage and fast access.
* Worked with **AWS S3 buckets** instances using **python boto3.**
* Added support for Amazon **AWS S3 and RDS** to host static/media files and the database into **Amazon Cloud**
* Developing software in **Scrum** environment using **agile methodologies.**
* Develop subscriber/publisher model with **Azure** push services.
* Involved in Web UI Design and Development using **ASP.NET, AJAX,** User Controls, Custom Controls and Web Forms using **C#** as code behind.
* Code functionality for utilizing **IaaS** Push notification services in **Azure cloud.**
* Used Microsoft Test Manager in **Visual Studio** for running Action recorded **Test Cases** and Regression Tests.
* Customized Restful Web Service using **Restful API,** sending **JSON** format data packets between front-end and middle-tier controller.
* Develop **Entity framework** code first - database existing hybrid solution with integration to Microsoft **Azure** Raven DB backend.
* Created various **RESTFUL services** using **WEB API** to return serialized **JSON** data which are later consumed through **Angular** services.
* Used **WCF** Services for communicating with other application and components using C **#** code.
* Test-driven development (TDD) Approach is used for this project.
* Used **GIT** for version control.
* Used **JSON** objects for better data transfer from **Azure** Table Storage to on premise environment. Developed web services using ASP.Net and hosted them in **IIS.**
* Prepared and maintained **ASP.NET** user interfaces with **Telerik controls.**
* Maintained and supported Microsoft Team Foundation Server ( **TFS** ) for code to be secured in a multi-team environment
* Used **ASP.NET** validation controls (Required field validator, regular expression validator, compare validator, range validator), User Controls, Custom Controls, **Data Grid Web Control.**
* Designed and developed Rebranding controls as a User Controls in **Silver light**
* Maintained build versions and code versions using **GIT's** Version Control
* Manipulated data using **CRUD** operations of Mongo DB and SQL management studio and handled database access and data transmission based on **REST ful web service.**
* Involved in front end development using **ASP.NET, JavaScript, jQuery, HTML, Bootstrap** and **CSS.**
* Worked on **HTML5** and Java script with integration of **Kendo UI** for developing grids, charts and schedulers.
* Designed dynamic web pages using **ASP.NET MVC, HTML5, CSS3, JSON,** and **Visual Studio.**
* Used NHibernate to create **DAO, DTO** layers and mapping the database tables.
* Created Menus and Drawer component by using **Typescript** and **knockout JS.**
* **SSIS** was used for creating packages and automating them using **SQL scheduler.**
* Developed custom tools to automation testing for a data loading. Guided the team to develop web roles using **ASP.NET MVC 5, HTML5.**
* Used **Kendo UI** (Telerik Components) Like **MVC Grid, Dropdown List, and Tab Strip.**
* Have used Service Oriented Architecture (**SOA**) to develop web services. Created store procedures, Views, functions, **T-SQL** and **Triggers.**
* Involved in creating services using **WCF** and it used across various parts of the project.
* Worked in developing Restful services. Involved in preparing reports using **MS SQL Server Reporting** Services ( **SSRS** )
* Used Microsoft Team Foundation Server (**TFS**) for the purpose of version Control and source code maintenance needs.

**Environment: .Net Framework 4.7,C#,MVC,C#,ASP.NET, GIT, AWS, Agile, Angular, Azure, AJAX, Visual Studio 2019, TFS, HTML5, CSS3, SSRS, IIS, Kendo UI, T-SQL, SQL Server 2017, JavaScript, Bootstrap.**

**Client: Cummins, Columbus, IN​​​​​​​ Jun 2015 – Mar 2019**

**Title : Jr .Net Developer**

**Responsibilities:**

* Worked as a.Net Developer as part of the team in designing and developing the applications using **Visual Studio 2015.Net Framework 4.6.2, C#.NET, ASP.NET MVC 5** with **Entity Framework 6**, **SQL Server 2015** and **LINQ**.
* Followed **Agile Methodology** which involves daily scrums meetings and Sprint meetings (planning, Review, Retro) to meet deadlines and expectations.
* Worked on migration of PySpark framework into AWS Glue for enhanced processing.
* Design develop and unit test the application and assist in maintaining program libraries, user manuals and technical documentation using various programming languages as per the needs of the project which include ASP.NET, C#, **J Query**, **Visual Studio 2015**, **MVC 5** Framework, **Razor view Engine**, **WCF**, **Microsoft SQL 2012**, **OOAD**, **Entity Framework**, **LINQ**,  **HTML**, **CSS**.
* Developed **WCF** services for both **Desktop** and **mobile** applications.
* Azure Cognitive Services using **Azure** Machine Learning and HD Insight.
* Experienced with common tools like **Git Bash, Git Extensions, Source Tree, Visual Studio 2015, Visual Source safe** and **TFS.**
* Designed and managed **API** system deployment using fast http server and Amazon **AWS** architecture
* Used Amazon **Web** Services (**AWS**) for improved efficiency of storage and fast access.
* Added support for **Amazon AWS S3** and **RDS** to host static/media files and the database into Amazon Cloud.
* Write functionality using observable patterns and models in **Angular2.**
* Experience with **ASP.Net** MVC by Using the **Razor View Engine, JavaScript, HTML5, CSS3,** and **Bootstrap, Triggers, views** and **Stored Procedures.**
* Extensively worked in Entity Data Model for implementing Business logic and Data Layer using **Entity Framework 6.0.**
* Designed and developed dynamic web pages using **Bootstrap, JavaScript, JQuery.**
* Experience with **Agile** Methodology and Test Driven Development
* Developed UI using **ASP.NET AJAX, ASP.NET 4.6, HTML5, CSS3** and **JavaScript**
* Worked extensively on **TELERIK UI** (Kendo UI) controls. Implemented bootstrap menus, buttons and various other controls.
* Developed single page applications using **Angular.**
* Responsible for code merging using Microsoft Team Foundation Server (TFS) and for other source code maintenance needs.
* Used Team foundation Server (TFS) for version control of the source code along with the maintenance of the builds and the relevant documents of the same.
* Migrated the application from Infrastructure as a Service ( **IaaS**) to Platform as a Service ( **PaaS**) by converting existing solution to **Windows Azure** Worker Role
* Integrate **Azure Cloud PaaS** Application server for running scheduler task
* Developed views using Razor view engine, **HTML5, CSS3** and **jQuery.**
* Developed Restful web services using Windows Communication Foundation and **Web API.**
* Implemented the **Dependency Injection** for unit testing and reusable components.
* Entities in the Data Layer using the **Entity framework**
* Creating, modifying **SQL queries, Stored Procedures, Functions, Views** and CTE to handle the data integrity for various data transaction in **SQL Server 2015.**
* **Created Indexes, Stored Procedures, Triggers** and **Views** using **SQL server 2015.**
* Used **Microsoft Team Foundation Server** as repository for source control of application.
* Fixing production defects and regress test the system.
* Responsibilities include Feasibility analysis, Estimation, Requirement Analysis, Requirement’s elicitation, Software Development, Code walk through and Integration Testing.
* Providing estimates for each work request to the client and monitor the progress of work.
* Development of code will be done for all the components which are specified in Component specification document.
* Given Pre & Post Implementation support for the project/service activities in-order to make sure the requirement is attained.
* Responsible for Creating and maintaining the Quality documents related to the project.
* Make Unit Testing before delivery and providing support for UATs.
* Worked with **WPF** application using **MVVM** pattern as well as **ASP.NET** using **HTML5** and **CSS3**

Designed and developed various abstract classes, interfaces, classes to construct business logic using C#, ADO.NET. The middle tier contained all the business logic.

* Using Azure DevOps to collaborate between teams and deploy our code by integrating CI CD pipelines.
* Participated in full development life cycle using Object Oriented Programming (OOPS) concepts and agile.
* Developed dynamic ASPX web pages for Application using ASP.NET, C# and VB.NET, XML, XSL/XSLT.
* Developed the Web Application in ASP.Net 4.5 using Master Page, Themes & skins to maintain the consistent look and feel throughout the application.
* Worked with **ASP.NET** Web Forms, Web Services and State Management techniques, caching features, configuring optimizations, and securing the web application.
* Worked with .NET Login controls to create User Wizard, Password Recovery, Login View, Login Status and Custom Controls.
* Used **AngularJS** as the development framework to build a single page application.
* Used ASP.NET AJAX Toolkit controls like Script Manager, Update Panel and Modal Popup Extender within some web pages.
* **Terraform** is an IAC tool, used primarily by DevOps teams to automate various infrastructure tasks.
* Used **ADO.NET** objects such as Data Reader, Dataset and Data Adapter for consistent access to **SQL** and Oracle data sources.
* Designed **WCF** Service Contract for validating the user input credit card type and its validation.
* Develop SQL Reporting Services web apps, using .Net 3.0 principles.
* Developed UI using Silverlight for a proof of concept.
* Retrieved data using **LINQ** to **SQL** Classes and stored procedure, tables, and views.
* Created Store Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server 2012/2008 R2.
* Involved Unit Testing, Integration Testing and Regression testing on a regular basis to improve the performance of the application.
* Applying Multithreading techniques for creating high performance applications in ASP.NET
* Create new **SSIS** packages as well as maintain existing packages as needed using industry standards such as Truncate and Load pattern as well as new features such as Change Data Capture
* Used **SASS** to manage presentation for internal management tool to maintain uniform look and feel.

**Environment:** **.Net Framework 4.5, C#, ASP.NET, ADO.NET, MSAjax.Net, LINQ, WCF, SOA, Classic ASP, HTML, XML & XSLT, SQL Server 2008 R2, Oracle 10g, SSRS Reports, Web Services, AngularJS, Visual Source Safe 6.0, Test Directory, WinWord, MS Excel, MS Visio, Windows XP.**

**Education Details:   
Bachelor’s In Computer Science.**