**RAHUL CHOWDARY**

**Sr. Full Stack .NET Developer**

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**Professional Summary**

* Over **10 Years** of IT experience in all phases of **SDLC** including requirements specifications, design specifications, development, testing, implementation, and support.
* Diverse experience in stand-alone, Intranet, Windows, Client-Server, and Web-based apps.
* Proficient in Microsoft Technologies **ASP.NET, .NET Framework**, C#, **JavaScript**, **jQuery**, **Web services**, **CSS**, **HTML**, **XML**, **JSON.**
* Familiarity with **Oracle**, SQL, **Angular**, **TypeScript** & **Web API**.
* Design expertise in **Web** and **WPF** applications using **XAML**, **Expression Blend**, and **MS Visual Studio**.
* Recent focus on object-oriented web apps with **Angular**, **Bootstrap**, **CSS 3**, and **SASS**.
* Strong **in Agile/Scrum**, **Kanban**, and Test-Driven Development. Use of third-party UI controls like **Telerik** and **Kendo** .
* Experience with **VSS**, **TFS**, **GIT HUB**, and **SVN** for version control. Proficient in **HTML5**, **XSL**/**XSLT**, **JavaScript**, **jQuery**, **Bootstrap**, **Angular**. Data transfer expertise in **XML** and **JSON** with cross-browser compatibility.
* Extensive work on **ASP.NET MVC**, **RAZOR** view engine, **MVVM**, and **PRISM framework**.
* Data layer development using **ADO.NET**, **LINQ**, **NHibernate**, and Entity Framework.
* Knowledge of **OOAD**, **OOD**, **MVP**, **SOA**, and **MVC**. Developed applications using **WPF**, **WCF**, and **Telerik** controls.
* Migration of **ASP.NET** Applications to **ASP.NET MVC**-**Based Applications** with **WEB API**.
* Windows application development using **WinForms**, Timers, and Windows Services. Good Working knowledge of **SQL** **Server** and **Oracle DB**.
* Extensive experience in writing **SQL Queries**, stored procedures, Tables, **triggers**, **cursors**, exception handlers, and **DTS** Export & Import. Designing and developing **WinForms** and **Webforms**.
* Experience in **Webforms**, User Control, and Panel User Control using **ASP.NET** and **C#.**
* Experience with **SQL Server Reporting Services (SSRS)**. Extensive experience in **AWS** and **node**.
* Understanding of storage concepts; experience in designing and implementing **Azure Storage.**
* Experience in working with **N-Tier applications**. Expert in debugging applications using **Visual Studio IDE**, **ReSharper.**
* Expertise in writing unit test cases using **Xunit**, **NUnit**, and **MSTEST frameworks** and in writing Integration test suites.
* Expertise in designing **CSS** style sheets for different browsers and aware of **UML** diagrams.
* Excellent communication skills, adept at conveying technical concepts to **non-technical stakeholders** and collaborating effectively within cross-functional teams.
* Proficient in configuring and managing **CI/CD pipelines** using tools like **Jenkins, GitLab CI/CD, or Azure DevOps**.
* Basic understanding of **machine learning** concepts and algorithms, with exposure to frameworks like **TensorFlow** and **scikit-learn.**

**Technical Skills:**

|  |  |
| --- | --- |
| Programming Languages | C#.Net 7.2/6.0/5.0/4.0/3.0, VB.Net 10.0/9.0/8.0/6.0, Agile / Scrum, PL/SQL, C#, ReactJS, VueJS,Ruby,SQL, Angular 9 -6 and JavaScript |
| Web Technologies | ASP.NET 4.7/4.5/4.0/3.5/2.0, C/C++, ASP.Net Ajax 3.0/2.0, JavaScript, jQuery, .Net 4.5 framework (MVC). Identity and Access Mgmt. (MFA), Angular JS, NodeJS, ReactJS, Knockout JS and MVC 5.0/4.0/2.0. |
| XML Technologies | XML, XAML, XDOCUMENT |
| Middleware: | Web API, ADO.NET 4.0/3.5, Web Services, RestAPI, WCF, ASMX, SOAP |
| Other tools | PuTTY, Tibco Gems, Kafka, Kibana |
| IDE Tools: | Visual Studio 2017/2015/2013/2012/2010/2008, SSMS 17.8/17.0/16.5/16.3. |
| Databases: | MS SQL SERVER2017/2016/20142012/2008, COSMOS DB, Oracle 12c/11g/10g. |
| Servers: | Windows, Microsoft IIS (8.0/7.0/6.0/5.0). |
| Software Methodologies: | Agile Methodology using Scrum, Waterfall methodology |
| Version Control Tools: | Team Foundation Server (2017.2015,2012,2010), TortoiseSVN 1.10, Git |

**Professional Experience**

**Sr. Full Stack Dot Net Developer**

**Centene Corporation, St Louis, MO July 2022 to Present**

**Responsibilities:**

* Involved in daily scrum meetings, Iteration planning for estimating the story points, and built several APIs for clients to consume the data. Used an Agile, Scrum approach methodology for software development using Rally.
* Consistently followed to **Test Driven Development (TDD)** and **Behavior Driven Development (BDD)** Process.
* Extensively worked with business analysts and gathered requirements in Agile Methodologies such as **SCRUM master**.
* Actively involved in design and development using **UML**, **ASP.NET**, **Master Pages, Themes, Skins, ADO.NET, Angular 12, JavaScript, XML, CSS, and VisualStudio.Net & AWS.**
* Played a key role in feature implementation and enhancement, **code refactoring**, and defect fixing.
* Designed and developed a single-page application using **C#**, **.NET Core**, **ASP.NET MVC**, and **Angular.**
* Participated in UI design with Master Pages in **MVC** and improved layout with **HTML**, **Bootstrap**, and **CSS**.
* Extensive experience in developing UI screens using HTML5, CSS3, and JavaScript. Strong ability in Responsive Web Design using **jQuery**, **AJAX**, and **Bootstrap**.
* Worked on Ajax Framework Mode property of **ASP.NET**, which controls components of the **ASP.NET Ajax Library**.
* Created Web Forms, WIN Forms Custom controls, User Controls, and Code behind pages using **.Net Framework**.
* Involved in the backend from designing DB schemas, and query optimization, to crud using Entity Framework and LINQ. Wrote Vagrant Scripts to spin up servers on the Developer workstations and in **AWS.**
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS Cloud Watch.**
* Familiarity with cloud services such as **AWS Lambda, EC2, S3, Azure App Service,** and **Azure Functions.**
* Developed the rich visual components through **WPF** using **XAML** and **Expression Blend**.
* Developed Web Services through **WEB API** service to provide store details. Worked on the custom controls in **VB.NET** for a requirement on the upload functionality.
* **Azure Storage** development and design utilizing Blobs, Pages, Queues, Tables, and VMs. Designed front-end web pages in an object-oriented **JavaScript framework** using **Angular 14**.
* Experience in developing Microservices using **ASP.NET core**.
* Involved in regression & integration end-to-end testing of the applications.
* Worked with different web services **SOAP**, and **WSDL** using **WCF**. Created and incorporated diverse web Created and incorporated diverse web services within applications to facilitate smooth communication across different systems.
* Responsible for designing the **ASP.NET** application Authentication using **.NET Framework**, **Model View Controller (MVC),** and IIS 8.0 security model. Consumed **RESTful APIs** provided by other applications in the portfolio.
* Implemented **WEB API Services** for **CRUD** operations with HTTP verbs **GET**, **POST,** **PUT**, and **DELETE**. Used **JSON** to transmit data between Server and **Web Application**, an alternative to **XML Serialization.**
* Prepared Data Context using **LINQ** to SQL object relation mapping methodology. Implemented **LINQ** for querying, sorting, and filtering complex objects.
* Used SQL queries to developing Views, Functions, **Triggers**, and Indexes using **SQL Server**. Generated data migration and transformation using **SSIS** and built reports with **SSRS.**
* Used **JSON** web token to do user authentication and secure information exchange. Designed unit testing module with **NUnit** to test the application performance and availability.

**Broadridge, Lake Success, NY October 2020 to June 2022**

**Sr. Full Stack .Net Developer**

**Responsibilities:**

* Integral involvement in the complete Software Development Life Cycle (SDLC), offering valuable services to developers, clients, and team members. Development of web applications using **ASP.NET.**
* Consistently followed **Scrum** and Test-Driven Development in **Agile Scrum Methodology** for high-quality software production.
* Proficient in leveraging cloud platforms such as **AWS** and **Azure** for scalable and resilient application deployment.
* Design of **Single Page Applications** (SPA) with dynamic UI using **Angula**r, incorporating **HTML**, **CSS**, **Bootstrap**, **TypeScript, jQuery, ASP.NET, ASP.NET MVC, WebAPI,** and **SQL Server.**
* Maintenance and enhancement of B2B website application through **ASP.NET MVC**. Collaboration with the team to implement innovative ideas.
* Development of **WCF Services** for real-time data communication from integrated server to client application.
* Web application development in n-Tier architectures using **ASP.Net**.
* Skilled in containerization technologies like **Docker**, **creating portable** and **lightweight application environments**.
* Creation of single-page applications using **Angular** and **Restful APIs** with **.Net Core.**
* Web application development with Test Driven Development (TDD) methodology.
* Establishment of Master Pages for website branding using **SharePoint Designer**.
* Implementation of client-side applications to invoke **SOAP** and **Restful Web Services**.
* Usage of SharePoint Object Model for Web Parts development with **C# .NET**. Utilization of **JSON** Serializer in data contract of **Restful API**s for data generation in **JSON format**.
* Application of **XML** and **REST** microservices for structured information exchange over the Internet.
* Angular development with **Bootstrap** components like Grids, Toolbars, Panels, Combo-Box, and Buttons.
* Strong understanding of web application security principles, including authentication, authorization, and data encryption.
* Expertise in developing **XM**L documents with **XSD validations**, **SAX**, **DOM**, and **JAXP parsers**.
* Analysis of business, functional, and technical requirements to meet project expectations. Enhancement of admin pages in web applications using **ASP.NET** and **VB.NET**.
* Implementation of error logging using Exceptional Handling in **T-SQL** and **SSIS**.
* Used **Azure DevOps** for Source Code Control, project-related document sharing, team collaboration, build, and deployment.
* Version control maintenance in Team Foundation Server (TFS) by merging developed modules with the latest version.
* Implementation of Microsoft Azure Development and Deployment. Retrieval of data using LINQ to SQL and LINQ to Objects in **ASP.NET**.
* Experience with **BPM** and **Workflow** concepts. Resolution of production support issues on a day-to-day basis.

**Environment:** .Net Core 2.1, Visual Studio 2013, C#, ASP.NET MVC, ASP.NET, WebAPI, Razor, ADO.NET Entity Framework

(Code First), LINQ, JSON, AngularJS, HTML5, CSS3, Bootstrap, Telerik UI, Kendo UI, SQL Server 2012, T-SQL, MS Test, TFS.

**Senior .Net Full Stack Developer**

**State of New York, Brooklyn, NY (NYC DSS) March 2018 to September 2020**

**Responsibilities:**

* Developed a web application in **Visual Studio** and **Microsoft SQL Server**.
* Designed the Presentation layer using **ASP.NET**, **React JS**, **Bootstrap**, **HTML, CSS, JavaScript, jQuery,** and **AJAX**, following **TDD** and **Agile methodology**.
* Implemented the **MVC design** pattern for views, controllers, and models in **ASP.NET MVC**.
* Knowledgeable in container orchestration tools such as **Kubernetes**, **facilitating automated deployment**, scaling, and management of containerized applications.
* Utilized Entity Framework for the Data Access layer and **ASP.NET WebAPI** for the Service layer, employing C# for constructing business logic, including abstract classes and interfaces.
* Created Single Page Applications (SPA) with **React JS**, **HTML**, CSS3, and **Bootstrap**, enhancing webpage responsiveness with custom **CSS styles**.
* Employed **ReactJS** directives like ng-model, ng-bind, ng-grid, and ng-repeat for displaying tabular databases and implemented form validation using **ReactJS**.
* Designed and developed web user controls, master pages, validation controls, and CSS files using **C#.NET**, **jQuery**, **XML**, **HTML**, and **ASP.NET**.
* Utilized third-party libraries such as **Telerik UI** and **Kendo UI** for optimizing webpage design.
* Written services for storing and retrieving user data from **SQL Server**, utilizing Mongoose API to access SQL Server from **NodeJS.** Utilized SQL Server .**NET Driver** to build alternative high-level APIs.
* Developed **HTML** helper methods, custom filters, and views using **Razor syntax**, implementing server-side validation and client-side validation with JavaScript.
* Managed servers on the **Amazon Web Services (AWS**) platform instances using **Puppet**, Chef Configuration management.
* Manage various **AWS/AZURE** environments for provisioning of Linux servers and services implemented by the providers.
* Integrated Sitecore CMS with SharePoint and other systems, adding product pages in **Kendo UI.**
* Created Data Templates with Standard values in **Sitecore CMS**, utilizing Entity Framework for importing and updating Database Objects with **LINQ**.
* Developed WebAPI Controllers (Web API 2) in **ASP.NET MVC** to build and maintain Restful services, consuming them client-side using **React JS** data binding.
* Designed and developed database objects like Tables, Views, Triggers, Indexes, and Complex T-SQL Stored Procedures in SQL Server.
* Contributed to the development of the Web layer with **ASP.NET** and the business layer with **VB.Net.**
* Created SSIS packages for Import/Export operations and utilized SSRS for generating reports in **T-SQL.**

**Senior .NET Full Stack Developer**

**State of Maine, Augusta, ME December 2015 to February 2018**

**Responsibilities:**

* Developed software applications using C# and the .NET framework, prioritizing code simplicity and readability.
* Contributed to both front-end and back-end development using **ASP.NET MVC**, ensuring smooth integration.
* Designed and managed databases with **SQL Server**, handling basic **CRUD operations**.
* Communicated with clients to collect and document their requirements.
* Implemented Angular Controllers to maintain view data and Implemented Angular service calls using Angular Factory.
* Developed user interface by using **Angular JS**, and **Flux** for SPA development.
* Demonstrated experience in designing and implementing microservices-based architectures, enhancing scalability and maintainability.
* Proficient in defining service boundaries, communication protocols, and data management strategies within a **microservices ecosystem**.
* Generated application setups and reports using **ASP**, **HTML**, **DHTML**, and executed validations using **VBScript** and **JavaScript**.
* Designed and developed **RESTful APIs** using **Node.js** and **Express.js** for seamless front-end and back-end communication.
* Developed architectures on **AWS**, utilizing EC2, Auto Scaling, and Elastic Load Balancing for high availability.
* Built serverless applications using **AWS Lambda, API Gateway, and DynamoDB** to optimize resource usage and reduce costs.
* Applied security best practices on **AWS**, including IAM policies, VPC configurations, and encryption mechanisms.
* Creation of single-page applications using **Angular JS.** Extensive utilization of **JavaScript** and **jQuery** for client-side validation.
* Built modular microservices architectures with **Node.js** for scalability and ease of maintenance.
* Developed real-time applications with **Node.js** and **WebSocket technology** for responsive user experiences.
* Employed Firebug for **JavaScript debugging**, DOM object analysis, and page layout modifications.
* Applied Object-Oriented Analysis and GUI principles. Skillfully implemented object-oriented concepts such as inheritance, overloading, and abstract classes. Developed JavaScript files for client-side validations.
* Played a significant role in designing the object model within the middle tier.
* Established a Common **Data Access Layer** (DAL) using **Visual Basic** and **ADO.NET.**
* Managed the processing of adjudicated claims from facets for Claims Payment, producing explanations of payments.
* Contributed to Database Design utilizing SQL Server 2005, creating packages, and Stored Procedures. Conducted requirements review sessions to gather feedback and finalize project requirements.
* Experienced in implementing security best practices to mitigate common vulnerabilities such as **SQL injection, cross-site scripting (XSS),** and **CSRF attacks.**

**Environment:** ASP.NET, ADO.NET, Visual Basic 6.0, Window Forms, Web Services, SQL Server 2005, JavaScript, Visual

Source safe, HTML, DHTML, CSS, ASP.

**HSBC Bank, Hyderabad, India Aug 2013 to September 2015**

**.NET Full Stack Web Developer**

**Responsibilities:**

* Initiated **full-stack** development of dynamic web applications through the **ASP.Net** framework.
* Used Jenkins pipelines to drive all Microservices builds out to the Docker registry and then deployed to Kubernetes,
* Created cross-browser compatible and standards-compliant **CSS**-based page layouts.
* Designed, architected, and developed Microservices using **ASP.NET Core** **Web API** and **Entity Framework Core**.
* Developed core functionality with the ASP.NET MVC Framework (C#.NET, ADO.NET)
* Created **REST Services** using **ASP.NET** WebAPI and C# for exposing analytics data to clients, hosting them in IIS and Azure. Performed migration of **Microsoft SQL server** to **Azure SQL database**.
* Responsible for manipulating **HTML, and CSS** in **jQuery** as well as making the **UI** pages dynamic using **AJAX and JSON.**
* Used **JavaScript** and **XML** to update a portion of a web page thus reducing bandwidth usage and load time and adding modal dialog in web pages to get user input and requests.
* Used **JavaScript** to make dropdown menus on web pages and display part of a web page upon user request.
* Worked on full-stack projects, integrating **Node.js** on the server side with front-end frameworks like **React.js** for a cohesive user experience.
* Used **LINQ** to **SQL** to get data from the database. Utilized **JIRA** for version control, workflow management, and team communication. Responsible for troubleshooting and bug fixing of the defects.

**EDUCATION:** Bachelor of Technology, Computer Science and Engineering, ***K L University,*** *Vijayawada, India -* May 2013.