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**.Net Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* Over 10+ Years of IT experience in .NET, ASP.NET, and C# with Object Oriented Design and Involvement in all phases of the Software Development Life Cycle (SDLC) such as planning, analysis, design, implementation, testing, and maintenance of Web-Based, Client-Server and N-tier Architectures.
* Microsoft and Oracle Certified Technology Specialist (MCTS) in .NET framework 2.0/3.
* Experienced in developing web applications using SitecoreCMS, ASP.NET, ASP.NET MVC 5.0/4.0/3.0, C#, VB.Net, ADO.Net Entity Framework 6.1/5.0, LINQ, SQL Server 2022/2019/2018/ 2016/2014/2012 R2.
* Experience working with .NET Core, ASP.NET Core 5.0/5.1, and Entity Framework core.
* Experience in designing SSIS Packages for integrating data using ODBC, and OLEDB connections from heterogeneous sources by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, merge, union all, etc.
* Experience in using PCF CLI for deploying applications and other cloud Foundry management activities.
* Experience with Continuous Integration using Jenkins, and Gitlab which tracks the source code changes.
* Experience in developing Microservices, AWS (Amazon Web Services), working with EC2, RDS, Dynamo DB, S3, Cloud watch, and Docker.
* Working knowledge of Oracle PL/SQL development which includes creating database tables. Triggers and indexes.
* Good experience in Entity Framework NHibernate object-relational mapping frameworks.
* Developed several SOAPand REST API-based internal tools to enhance the quality and performance of the existing code base and deployed in Cloud Foundry, and Kubernetes.
* Proficiency in writing VB.NET code, including object-oriented programming, handling events, working with data structures, and using LINQ (Language-Integrated Query
* Expertise in Architecting and Administrating SharePoint Server Farm and SharePoint Customization.
* Hands on experience working with AZURE cloud services, PowerShell and JSON.
* Proficient in writing T- SQL queries, Stored Procedures, Functions, Joins, Views, e
* Experienced in Gitlab CI and Jenkins for CI and for End-to-End automation for all build and CD.
* Worked on creating database queries, Creating Tables, Constraints, Views, Stored Procedures, and Functions in SQL Server R2/2005.
* Hands on experience using Source Code Control Systems likeGit, GitHub, SVN, TFS 2017/2013/2010.
* Strong and effective problem-solving, analytical, and interpersonal skills, besides being a valuable team player and detail-oriented.

TECHNICAL SKILLS

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| **Languages** | C, C++, Java 2.0, VB6.0, C# .NET (6.0/5.0/4.5/4.0/3.5/3.0), VB.NET (10.0/9.0/8.0), PL SQL, T SQL, Python |
| **Databases** | SQL Server 2022/2019/2016/2014/2012/2008/2005, Oracle 12c/11i/10g/9i, DB2/ PL/SQL |
| **Operating Systems** | Windows Servers and Linux Servers |
| **JavaScript Libraries** | jQuery, Angular 2/4/5/6/7/8/9/10/12/13/14 Backbone JS, Bootstrap, Vue.js, Node JS, Kendo UI, D3.js, Ember.js, Grunt.js, Ext JS |
| **Microsoft Technologies** | ASP.NET 4.7.x/4.6.x/4.5.x/4.0/3.5/2.0, ADO.Net, C#.Net SharePoint Online, Microsoft BI stack, Webhooks, Windows 2016/2012/2008/2003/ XP, IIS 10.0/8.5/8.0/7.5/7.0/6.0/5.0, MS Visual Studio.NET 2019, 2017, 2015,2013,2012, 2010, 2008, 2005, VISIO, TFS |
| **CI/CD Tools**   **.NET Frameworks** | Jenkins, Team City, Gitlab CI, Splunk, Azure Pipelines, Docker, Kubernetes, JFrog Artifactory, Octopus Deploy  .NET Framework 4.7/4.6/4.5/4.0/3.5/3.0/2.0. |
| **SQL Server Tools** | SSMS, Enterprise Manager, Query Analyzer Profiler, Export &amp; Import (DTS), SSIS, SSRS, Database Tuning Advisor |
| **Cloud** | AWS, AZURE |

PROFESSIONAL EXPERIENCE:

**Client: Broadridge - Newark, NJ May 2022 – till date**

**Role: .NET Full Stack Developer**

**About Client:**

Broadridge Financial Solutions is a Global fintech company that provides technology-driven solutions to the financial industry. It offers a wide range of services and products designed to help financial institutions enhance their operational efficiency, reduce risk, and improve customer communications. As a .NET developer, my primary responsibility is to develop engaging web pages using frontend technologies like ASP.NET, Angular, Bootstrap, and more. Given the financial domain of Broadridge, ensuring the security of customer data is of utmost importance. I focus on implementing different REST APIs to pull customer data and used Transport Layer Security to safeguard data transmission between clients and servers over the network.

**Roles and Responsibilities:**

* Developed applications using software development life cycle (SDLC) followed of Agile/Scrum methodologies.
* Utilized microservice architecture, employing REST APIs to develop and deploy Identity Microservices.
* Developed ASP.NET Core Web API based on departmental requirements and specifications.
* Develop user interface (Web Forms) for the modules using ASP.NET server controls, Validation controls, and HTML for the front-end ordering system, where business logic was implemented using VB.Net.
* Design develops and Unit testing of the software with different domains like ASP.NET, C#, Restful API with TDD methodology
* Create methods using Dapper as micro ORM to simplify data access while ensuring high performance.
* Used Entity Framework (EF6) to create entities in the Data Access Layer. Developed and consumed Restful Services using Web API.
* Created Razor Pages using Asp.Net Core and implemented form validations using validation controls using both custom validation and JavaScript written for client-side validations.
* Used HTML 5, Cascading Style Sheets (CSS3), Bootstrap, and Angular 14 to develop and implement a user-friendly UI design for the presentation layer.
* Creation of database objects like tables, views, synonyms, materialized views, stored procedures, and packages using Oracle tools like PL/SQL developer.
* Developed APIs that would act as endpoints for Microservices.
* Leveraged Azure DevOps and other CI/CD tools to automate the build, testing, and deployment of applications to Azure App Service.
* Created TypeScript reusable components and services to consume REST APIs using Component-based architecture provided by Angular.
* Created custom scripts and runbooks using Azure Automation Runbooks to automate routine operational tasks and workflows.
* Implemented and maintained front-end components that dynamically fetch and display data from the server using Ajax.
* Created web applications, APIs, or desktop applications that utilize Azure AD for authentication and authorization.
* Designed ETL packages for extracting the data and loading it into the appropriate tables in the database using SQL Server Integration Services (SSIS).
* Involved in designing the database migration from DB2 to Azure Cosmos DB for transferring data.
* Implemented authentication and authorization mechanisms to secure access to Azure Storage resources.
* Performed Back-End Testing for data validation using SQL Queries and developed a QA automation test framework to ensure the code reusability and code.
* Developed Web forms for this application using ASP.NET 4.0 and C# with Visual Studio .NET 2019 environment.
* Designed, modeled, and architected a multi-threaded, enterprise-tier software agent using Windows Communication Foundation WCF web service hosted in IIS.
* Experience using Azure Cosmos DB portal to maintain applications.
* Monitored application performance, and availability using Azure Application Insights and set up alerts for proactive issue resolution.
* Written various T-SQL Queries, Stored Procedures, and Views for accessing data from the SQL Server 2022.
* Development and Deployment using PowerShell Scripts using Azure. Developed Power Shell Scripts for Automated Deployment of Developed Packages using Service Fabric.
* Used HQl queries for accessing the data using NHibernate mapping objects.
* Designed and implemented custom connectors and workflows using Azure Logic Apps to orchestrate complex business processes.
* Implemented Azure DevOps Services for project management tasks, source code repository, continuous integration and deployment.
* Implemented parsers and serializers to handle EDI document formats, such as ANSI X12, EDIFACT, or custom formats.
* Analysed user needs and applied testing procedures using DevOps tools such as Jenkins, and GitHub.
* Design and implement several support tools using ASP.NET MVC, Web API, and JavaScript.
* Test web API response by sending required parameters through Unit Testing.
* Performed SQL and PL/SQL tuning and application tuning using various tools like autotrace and dbms, SQLtune.
* Hands-on experience in UI development, reporting with SQL Server Reporting Services (SSRS), Power BI, and code version maintenance with Microsoft Visual Source Safe (VSS) and Team Foundation Server (TFS).
* Responsible for automation and orchestration of deployment to various environments using Gitlab, CI/CD Pipelines

**Environment**: ASP.NET, C#, MVC5, .Net Core 5, WebAPI, TypeScript, HTML5, JavaScript, jQuery, Angular 14, JSON, CSS, SQL Server Management Studio, Power BI, SQL Server 2019/2018, CI/CD, PCF, Azure DevOps Services, Visual Studio 2022/2021/2019, SEO, GitLab, AppDynamics, Splunk, TFS, Git.

**Client: Express Scripts - Austin, TX April 2021 – April 2022**

**Role: .NET Full Stack Developer**

**About Client :**

Express Scripts is a prominent player in the field of pharmacy benefit management services, serving as a crucial intermediarybetween insurance providers, pharmacies, and patients. Its core mission is to facilitate the delivery of prescription drugs andassociated services. As a .NET developer, my primary focus revolves around creating engaging and interactive web pages usingfront-end technologies such as WPF, Angular 13, and AngularJS. Additionally, I contribute to the enhancement of desktop applications using WPF, WCF, and XAML, aiming to provide users with a highly immersive experience. Detailed below are my specific roles and responsibilities within this context.

**Roles and Responsibilities:**

* Developed Win forms using WPF and XAML, leveraging .NET technologies.
* Utilized Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, managing the deployment process using Kubernetes.
* Designed, developed, and maintained web applications using the .NET Core framework and Razor Pages.
* Designed and implemented the application using MicroService Architecture for its various distinct advantages like obse coupling and design patterns.
* Implemented project planning until production and maintenance using agile and Scrum methodology, ensuring efficient project management.
* Performed Back-End Testing for data validation using SQL Queries, ensuring data integrity and accuracy.
* Developed applications using Mean Stack (Node, Express, and Angular JS), leveraging a comprehensive technology stack.
* Created components and libraries using ASP.NET C#, .NET and Oracle 10g,11g.
* Developed applications using Azure App Service, leveraging its scalability and reliability for hosting Win forms developed with WPF and XAML.
* Implemented Azure DevOps for continuous integration (CI) and continuous deployment (CD), setting up Jenkins pipelines to build and deploy microservices to Azure Kubernetes Service (AKS), managing the deployment process using AKS.
* Leveraged Azure Cosmos DB's global distribution for low-latency access across multiple regions.
* Implemented security measures for .NET applications and Power BI reports, including authentication and authorization.
* Integrated SQL Server Integration Services (SSIS) packages within Azure Data Factory to leverage SSIS transformations and data movement capabilities.
* Involved in creating test projects for testing the stored procedures and WCF Services using Visual Studio 2019.
* Creating LINQ-enabled database layer via APIs such as LINQ to SQL, NHibernate, and Entity Framework.
* Optimized Azure Function Apps for auto-scaling based on load using Azure Monitor and Application Insights.
* Utilized Azure SQL Database for Back-End Testing, performing data validation using SQL queries to ensure data integrity and accuracy.
* Configured and customized TFS work item types, workflows, and process templates to align with team-specific development practices.
* Integrated .NET applications with Azure Logic Apps by creating custom connectors or using existing connectors from the Azure Marketplace.
* Handled exception handling, retries, and error management in .NET applications when interacting with Azure Storage.
* Deployed .Net-based Applications on IIS 8.0 and Troubleshooting Net application issues hosted on the IIS.
* Created complex store procedures and functions on SQL Server 2019 Databases.
* Integrated applications and services with Azure AD for secure identity and access management.
* Used JavaScript functions to implement complex Business Rules and Validation of front-end forms.
* Worked in designing, coding, testing, and maintaining software applications using VB.NET and the .NET framework which involved developing both web and desktop applications.
* Utilizing Sitecore CMS's tools for rule-based targeting, A/B testing, and engagement analytics, we put advanced customization and marketing automation techniques into practice.
* Implemented Angular 13 inbuilt directives for Angular lifecycle checks and for adding conditionals confidential template level, improving application performance and customization.
* Implemented error handling and monitoring solutions to track the flow of data between EDI and internal systems.
* Implemented Restful services and HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Followed HL7 standards to develop web APIs and used Postman to test API calls.
* Developed reusable components and services using TypeScript to perform CRUD operations based on Angular 13 structure and concept of dependency injection, promoting code reusability and maintainability.
* Utilized the JIRA tool for defect management, ensuring effective tracking and resolution of software issues.

**Environment:** SQL, ASP.NET, C#, WPF, Angular 13, AngularJS, Telerik Rad controls, TypeScript, HTML, CSS, JavaScript, Node.js, Express, PowerShell, Azure SQL Database, Azure DevOps, Adobe Experience Manager, Microsoft Team Foundation Server, Visual Studio 2019/2018, Jenkins, JIRA, N-Unit, X-Unit Framework.

**Client: FINRA - Rockville, MD January 2020 - April 2021**

**Role: .NET Full Stack Developer**

**Roles and Responsibilities:**

* Work closely with the team working on Predictive Algorithms and help in the design, development, and release of the application.
* Develop ASP.NET WEB APIs, written in C# which form the backbone of the application in collecting the data and returning the expected payloads data will help in visualizing the data.
* Created sites to organize client contracts and summarize monthly financial data using Ember.js, D3.js, and MySQL.
* Written several packages using SSIS for data migration and ETL process.
* Designed dynamic and browser compatible pages using HTML5, CSS3, JavaScript, IIS, jQuery.js and Vue.js and Laravel.
* Created controllers to use in angular 8/9/10/12 views, created angular8/9/10/12 based http services to consume Web API& also used jQuery-based Ajax.
* Proficient in advanced features of Oracle 11g for PL/SQL programming like using records and collections, bulk bind, ref. Cursors, nested tables, and dynamic SQL.
* Wrote Triggers, Views, Stored Procedures, and Packages in Oracle 10g and T-SQL.
* Worked with VUE JS Forms, Validations, Modules, Components, directives, controllers, and HTTP Request.
* Worked on Vue.js events distribution and parent chain for parent-child component communication.
* Manipulated DOM, handled events, and applied animation effects with Vue.js.
* Integrated Logic Apps with Azure Functions and Azure Service Bus for seamless event handling and communication.
* Worked on Continuous Integration testing and Automation Source code control and build management with GitHub, Jenkins, and Selenium scripts.
* Used AAD Graph API to programmatically access Azure Active Directory through REST API endpoints.
* Scheduled jobs to run the SSIS packages daily using SQL Server Agent.
* Experienced with Agile methodology and familiar with document drafting and Agile Scrum Software Development Life Cycle(SDLC), DevOps as well as Waterfall methodologies.
* Worked in design, development, unit testing & UAT support for the DWCDR Hadoop GUI application processing
* Use GitLab as a repository and JIRA for SCRUM management. Involvement in the weekly Scrum meetings and updating with the planned sprints.
* Implemented a CI/CD pipeline involving GitLab, Jenkins, Chef, Docker, and Selenium for complete automation from commit to deployment.

**Environment**: C#, ASP.NET Web API Core 2.0, CI/CD, SSIS, Vue.Js, D3.js, Vx.js, Node.js, JENKINS, ANT, SEO, SQL Server 2018, NUnit, Angular12, Azure, Bootstrap, TypeScript, Node.js, CSS, HTML and JavaScript.

**Client: T Rowe Price - Owings Mills, MD March 2017 - December 2019**

**Role: .NET Full Stack Developer**

**Roles and Responsibilities:**

* Designed and developed a few custom ASP.Net MVC, ASP.NET Core, and Angular web applications.
* Used Microservice architecture, based services interacting through a combination of REST and leveraging AWS to build, test, and deploy Identity Microservices.
* Writing front-end code like HTML, CSS, and jQuery for assigned User requirements using BackboneJS, AngularJS, and various other JavaScript frameworks.
* Used NPM for installing required node modules and other published Angular NPM modules.
* Working knowledge of Azure cloud IaaS and PaaS Services.
* Implemented data validation, error handling, and transaction management within EF6 data access code.
* Created Unit test and executed the same in MSTest integration in Enterprise Visual Studio 2015.
* Worked on some of the new features of Angular 12/10 like new if else syntax, ng-templates, and form validators.
* Enhanced legacy applications and developed single-page applications using Angular 12 and TypeScript.
* Involved in agile software methodologies using TEST DRIVEN DEVELOPMENT(TDD).
* Created and managed build definitions and release pipelines within TFS to automate the build, testing, and deployment processes.
* Used JIRA to keep track of bugs to reduce downtime, and increase productivity, and Communication.
* Actively used cursors, functions, and calling procedures from one package to another package and created dynamic SQL statements in Oracle using PL/SQL and ADO.NET.
* Scheduled jobs to run the SSIS packages daily using SQL Server Agent.
* Developed and integrated SSRS reports into .NET web application pages.
* Used Azure DevOps Services for source code repository and to build project artifacts.
* Configured and managed Azure AD Connect to synchronize on-premises Active Directory with Azure AD.
* Used Informatica tool to get data from various sources like XML, and flat files, and inserted into SQL Server Databases.
* Designed and optimized NoSQL data models in Azure Cosmos DB for high write and read throughput.
* Created Restful web services using ASP.NET Core.
* Consumed Web APIs (HTTP/REST) Services to implement business logic using C#5.0.
* Created CSS files to be applied to various web forms on the web pages.
* Used Ajax to reduce connections to the server.
* Integrated Microsoft Power BI reports and dashboards into .NET applications.
* Involved in standardizing Splunk forwarder deployment, configuration, and maintenance across Linux and Windows platforms.
* Worked with ASPOSE PDF, Words, and Cells framework and created Word, pdf, and excel documents.

**Environment**: .NET 4.0/4.5, ASP.NET/ASP.NET Core 1.1/2.0/2.1, Sitecore CMS, QNXT, AutoQ, Entity Framework, ASPOSE DLL, Azure, SSO, ASP.NET MVC, AngularJS, Angular 12/10, Angular CLI, Azure DevOps Services, TypeScript, JavaScript, Node.js, NPM, Express.js, Visual Studio 2016/2015, jQuery, Bootstrap, CSS, REST, Power BI, Web API, Microservices and VMware.

**Client: Navayuga Infotech – Hyderabad, India July 2013 - December 2016**

**Role: .NET Developer**

**Roles and Responsibilities:**

* Developed MVC applications using ASP.NET MVC 4, JavaScript, HTML5, CSS3, Bootstrap, IIS 7.0, SQL Server 2012, and Visual Studio 2012/2015.
* Used Bootstrap to help the responsiveness of the webpage and design with CustomCSS3style sheet on elements.
* Created View Models to encapsulate all models and classes used on the different views for more stable, organized, and clean code to reuse in Views.
* Used JSON to transmit data between Server and Web Application, an alternative to XML Serialization.
* Implemented Validation by using Data Annotation for the server side and jQuery for the client side.
* Used Web API as a service to provide data from the database and consume using jQuery/AJAX.
* Attended Agile, and Scrum events (standups, planning, reviews, and retrospectives) and provided constant input in support of a high-performing team.
* Performed Unit Testing by using the automated testing framework nUnit.
* Used Team Foundation Server (TFS)for integrating project works.

**Environment**: Visual Studio 2012/2015, SQL Server 2012, LINQ, Razor View 3.2.3, ASP.NET MVC 5, C#, .NET Core, AJAX, JSON, jQuery, CSS3, HTML5, Bootstrap 3.3.7, IIS 7 .

**Education:** B.Tech in Computer Science and Engineering from Andhra University(2009-2013).