******JAS A**

 **Full Stack Developer | .NET & Azure**

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 **(508)-794-9170**

**Professional Summary:**

* 7+ years of IT experience as a Developer involved in Requirement **Gathering & Analysis, Design, Development**, **Implementation, Testing**, documentation, end-user training, and Web-based using **Microsoft Technologies**.
* Experience in using various methodologies like **SCRUM/AGILE, and Waterfall**.
* Proficient in programming with **.NET Framework** using **C#, .Net Core, ADO.NET, ASP.NET**, Visual Studio **2013/2012, SQL server 2012/2010, Azure, ASP.Net MVC and WCF**.
* Hands-on experience in **Azure Cloud Services**, Storage, Web Apps, Active Directory, Application Insights, Logic Apps, **Data Factory, Service Bus, Key Vault**, and SQL Azure.
* Proficient in creating Web pages and building **Web User Interfaces (UI)** using **HTML5, DHTML, tableless XHTML, CSS3 and JavaScript, AngularJS, JSON, AJAX, and jQuery**.
* Sound knowledge in working with **angular project** directory structure and yeoman **angular project** setup.
* Experience with the development of applications using **MVC, Bootstrap, MVVM, and WCF**.
* Experience in **UI Design** using **Razor, Bootstrap, and AJAX control toolkit**.
* Hands-on expertise in front-end development utilizing JavaScript frameworks such as **jQuery** as well as front-end technologies **HTML5, CSS3, Ajax, and Angular JS**.
* Strong Experience in web development using interactive/Web **2.0** technologies, **XHTML, DHTML, JavaScript, DOM, Angular JS, Node.js, framework (jQuery, Prototype, YUI, etc.), JSON,** AJAX.
* Hands-on experience with **XSD, XSLT, JSON, SOAP**, and **building Web Services**.
* Experience working with **Angular2 MVC framework** to build Web applications.
* Excellent working knowledge in Developing **RESTful Web Services, Web Forms, XML, XSD, XPATH, and IIS**.
* Developed **RESTful APIs** and server-side logic using **Node.js** to support **front-end applications** built on**. NET**.
* Strong **database experience** in **SQL server 2012/2008.**
* Expertise in the development of **stored procedures, functions, triggers,** and views to develop business rules.
* Demonstrated expertise in version control systems, including **SVN, Git, and TFS**.
* Experience with Message Queue systems using **RabbitMQ** and **Azure Service Bus**.
* Extensively strong work experience in **SQL, PL/SQL**. Proficiency in developing **SQL** with various relational databases like **Oracle, SQL Server & DB2.**
* Implemented **CI/CD pipelines for .NET applications**, ensuring automated builds, tests, and deployments to enhance development **efficiency and code** quality.
* Implemented **IaC** practices to automate the deployment and management of infrastructure resources, ensuring consistency and reproducibility.
* Proficient in working with **IBM WebSphere**, a widely used application server for deploying and managing Java-based enterprise applications.
* Experience in **NodeJS, AngularJS**, DOM functions, and **Front-End Package Manager Bower**.
* Worked on various **Azure services like Compute** (Web Roles, Worker Roles), **Azure Websites**, Caching, **SQL Azure**, **NoSQL, Storage, Network services**, Azure Active Directory, **API Management**, Scheduling, **Auto Scaling**, and PowerShell Automation.
* Implemented performance tuning techniques to optimize **Oracle database performance**.
* Worked on the front-end development of applications using interactive/Web 2.0 technologies, including **Bootstrap**.
* Possess a **robust understanding** of various **algorithms**, emphasizing efficient design and rigorous analysis to address complex problem-solving scenarios.
* Demonstrated expertise in leveraging **React** to create dynamic and responsive user interfaces, enhancing overall application interactivity and user experience.
* Skilled in designing and implementing robust applications using **N-Tier Architecture**, encompassing **Data Access Layer**, Business Logic Layer, and **User Interface (UI)**.
* **Natural language processing (NLP)** is used to develop chatbots, virtual assistants, and other applications that can understand and respond to human language.
* Utilized **TIBCO** Business Works for designing and implementing workflows, orchestrating services, and facilitating seamless communication between different components.
* Leveraged **OOP** concepts in C#/.NET development, ensuring the creation of scalable and maintainable solutions.
* Proven ability to take initiative and drive projects forward independently, showcasing a proactive and motivated approach to work.

**Certifications:**

* **Designing and Implementing Microsoft DevOps Solutions (AZ-400)**
* **Microsoft Certified Azure Developer Associate**
* **Microsoft Certified DevOps Engineer Expert**
* **IKM Certified .NET FRAMEWORK USING C#**
* **IKM Certified NODE.JS**

**Education:**

* **Master’s in computer science**, Sacred Heart University
* **Bachelor’s in computer science**, GITAM University

**Technical Skills:**

* **Languages:** C# 7.0/ 6.0/ 5.0/4.0, ASP.NET, VB.NET
* .**NET Framework:** .NET Framework 4.6, 4.5, 4.0, 3.5
* **UI Web Technologies:** Angular, React.Js, HTML, HTML5, DHTML, XML. XSLT, CSS, ASP.NET, AJAX, Web Services, JavaScript, WCF, MVC, JQUERY, LINQ, XML, XHTML, XSLT, JSON, Bootstrap, Hibernate, MongoDB, Struts, SpringBoot, JSP, JSW, Gradle, Maven.
* **Databases:** SQL Server 2017/2016, MS Access, T-SQL, Azure, PL/SQL (oracle), MySQL, MSSQL, MongoDB, Teradata
* **Operating Systems:** Windows 10/8, Windows 98/2000/XP/Vista/7/8, MAC OS X
* **IDE:** Visual Studio 2019/2017, Eclipse, Notepad++, IntelliJ IDEA, Sublime Text3, Text Mate, Microsoft Publisher.
* **JavaScript Libraries:** jQuery, Angular.js, Angular 2 & 4, Node.js
* **Version Control**: Perforce, CVS, SVN, GIT
* **Publishing Tools:** Adobe PageMaker, MS Office
* **Methodologies:** Agile, Waterfall, TDD

**Professional Experience:**

**Charter Communications, St. Louis, MO June 2022 - Present**

**Role: Senior Full Stack Developer | .NET & Azure**

**Roles & Responsibilities:**

* Worked in an Agile environment of Software Development Life Cycle (**SDLC**).
* Expertly developed applications using **ASP.NET MVC, C# .NET**, Entity Framework, and LINQ, and designed UI for optimal user experience. **Integrated React** for creating dynamic and interactive components, complementing other technologies **like Angular 9, CSS, HTML5, jQuery, JavaScript, and TypeScript**.
* Integrated **Node.js** modules and packages to enhance the functionality and performance of existing **.NET applications**.
* Worked on **Azure cloud services** to integrate **Graph API and Key Vault** into **Web App**.
* Implemented **GraphQL APIs** to enhance data querying and manipulation capabilities, providing clients with efficient and flexible access to resources.
* Worked on **WCF** service interface, **data type model**, and implementation based on business logic.
* Experience collaborating with development teams using **SVN** to manage source code changes.
* Extensively worked on building **RESTful web API’s** and **Microservices**.
* Proficient in using XML for structured data representation, ensuring interoperability between different systems.
* Worked with **Azure Blob Storage** to store large **JSON** files to enhance performance.
* Worked on **Azure** functions to schedule emails, and reports and perform other functionalities in the **Application**.
* Communication between multiple web services is **asynchronous** through the Service Bus.
* Designed and implemented a Data Access layer using **Entity Framework** to connect and retrieve or manipulate database information.
* Designed **Database** structure and created **complex Stored Procedures, Views, Functions, and Indexes**, using SQL Server.
* Used **Azure DevOps, GIT, and TFS** extensively for keeping the **version control, Builds**, and Requirement Management.
* Created test cases and performed **Unit and Integration** testing on the application.
* Implemented performance testing as part of **CI/CD**, ensuring applications are optimized for **speed and resource** **efficiency, delivering** exceptional user experiences.
* Developed and maintained a large-scale **Blazor web application**, handling both client-side and server-side logic.
* Developed and **implemented SSRS reports** for various projects, showcasing the ability to create visually appealing and informative reports.
* Deployed Java applications on **WebSphere,** managing the application lifecycle and troubleshooting any issues that arise.
* Proficient in developing applications that interact with **Oracle databases**.
* Successfully led projects involving the **migration to React**, demonstrating adeptness in transitioning legacy codebases to modern, component-based architectures.
* Involved in **Java** development for web applications, possibly using JSP, Servlets, or other Java-based technologies.
* As a **UI developer** closely working with the UX team to develop a **React application** using Server side Node.js for the customer service agents as per the business requirements using **Java Script, HTML5, and CSS3**.
* Implemented and optimized **MongoDB databases** to store and retrieve large volumes of data efficiently.
* Proficient in leveraging **Node.js** to build scalable and efficient server-side applications, demonstrating expertise in full-stack development.
* Demonstrated strong problem-solving skills through the application of algorithms to real-world challenges, enhancing overall system performance.

**Environment:** Angular 9, ASP.NET, C#, Azure Service Bus, Azure Key Vault, REST API, JavaScript, TypeScript, jQuery, Entity Framework, LINQ, MVC, AJAX, SQL Server 2016, Visual Studio 2019, Postman, Azure DevOps, GIT, TFS.

**Virginia Department of Social Services, Richmond, VA Aug 2021 – May 2022**

**Role: Senior Full Stack Developer | .NET & Azure**

**Roles & Responsibilities:**

* Design Architecture for business requirements and provide technical requirements to the developers.
* Develop various solutions in **.Net Core 5.0, Web API, C # 4.5, MVC, and Azure SDK**.
* Develop and implement SPA’s using frameworks like **Angular 6 and Node JS**.
* Built and deployed Blazor web applications using **C# and HTML.**
* Implement Azure Functions, cron jobs, and Synapse Analytics pipelines for data migration from **DB2, infosphere**, **SQL, and Cosmos DB**.
* Successfully integrated React applications with various back-end services and **RESTful APIs**, facilitating data retrieval and updates for a responsive user interface.
* Extensively used **Azure Data Explorer, Cosmos DB**, and App Insights for Document Tracking, information logging, and **debugging**.
* Used advanced level of **JQUERY, AJAX, JavaScript**, CSS, and pure **CSS layouts**.
* Worked in troubleshooting **tier 3 Production** support for **critical issues**.
* Implement CRUD Routes in .Net solutions to perform operations on **SQL Database & Mongo DB** via EF 3.1.
* Develop, Tune, and refactor SQL store procedures and **add triggers** as required.
* Raise, queue, and process messages on various Kafka topics using **Kafka** streaming **SDK** such as **Kafka** Hosting and Security.
* Setting up **Angular framework** for **UI development** using **Angular CLI** and migrated from **Angular 4 to Angular 6**.
* Write definitions for tasks, release variables, and resources for **Azure DevOps pipelines**.
* Perform build master duties to deploy and release .net solutions to INT, PPE, and PROD environments via Octopus.
* Proficient in setting up **CI/CD pipelines** using Azure **DevOps, GIT, and TFS**, ensuring efficient code integration, automated testing, and seamless deployment processes.
* Expertise in using **Microsoft.Net, moq, and xunit** testing for unit tests.
* Use Postman, **Swagger UI, and Fiddler** to perform API testing and integration testing.
* Rigorously follow sprint patterns to make update **Azure DevOps** storyboard and provide task estimations.
* Actively involved in the sprint planning sessions of the **Agile SCRUM** methodology with Architecture, **BA, and QA** teams.
* Demonstrated expertise in managing and maintaining **Oracle databases**, ensuring data integrity and optimal performance.
* Experience with **Java frameworks** such as Spring Boot and Familiarity with Java libraries and tools.
* Led the refactoring efforts, adapting the legacy code to align with React’s component-based architecture, resulting in improved code organization and enhanced maintainability.
* Proficient in applying Object-Oriented principles to analyze and design robust and scalable software solutions.
* Implemented optimization techniques, ensuring algorithms perform effectively in terms of time and space complexity.
* Demonstrated proficiency in **TIBCO** BusinessWorks, a leading integration platform for designing, deploying, and managing business processes.
* Implemented **IAM** policies and roles to manage access control effectively, ensuring security best practices in **AWS** environments.
* Utilized **SSRS** to perform data analysis, enabling to extraction of meaningful insights and trends from complex datasets.

**Environment:** ASP.NET, C#, AngularJS, Azure, Service Bus, REST API, SOAP, HTML5, JavaScript, jQuery, ADO.Net, LINQ, MVC4, AJAX, SQL Server 2016, Visual Studio 2017, GIT, Jira, Bitbucket.

**Mayo Clinic, Rochester, MN April 2020 – July 2021**

**Role: Full Stack Developer | .NET & Azure**

**Roles & Responsibilities:**

* Experienced in all phases of the **Software Development Life Cycle (SDLC)-Project** Analysis, Requirements, Design, Development, Testing, Documentation, and Deployment in Agile Methodology.
* Developed the application using **ASP.NET MVC, C#, and .NET Core** and designed **UI using CSS, AngularJS, HTML**, and JavaScript.
* Created Web Forms using **ASP.NET** and implemented form validation using Validation controls using both Custom validation and **JavaScript was written for Client-side** validations.
* Developed new user interface components for different modules using **Kendo UI**.
* ﻿﻿Worked with **Kendo Ul** to create charts and graphs.
* Designed and developed **GraphQL** schemas, queries, mutations, and subscriptions tailored to project requirements, ensuring optimal data retrieval and updates.
* Experience with building **REST and SOAP** web services **APIs**.
* Full analysis of Node JS and **React JS Wireframes**, Visual Design Documents, and other requirements Documents to completely understand the required behavior of the web pages and user interactions.
* Used REST services in the Angular JS page to perform CRUD operations on the database server over **HTTP** with **GET, POST, PUT, and DELETE** to the Web service.
* Worked on OAuth Integration with Clients to get the Access Token in order to access protected **APIs**.
* Created WCF service interface, data type model, and implementation based on business logic.
* Worked on **Telerik Controls, ASP.NET** User Controls, and Rich Controls to create forms for submitting and modifying events and forms.
* Worked on Migration from **Oracle to Mongo** and event subscribers using **RabbitMQ**.
* Extensively used **LINQ** in all our applications to query, sort, and get **sub-data** from a list of data that is being cached.
* Used Entity Framework for accessing data from the **database**.
* Created **SSIS Packages** for the import and export of data between **SQL Server** databases.
* Integrated **API Gateway** with SiteMinder and OAuth protocol to give single sign-on for different applications.
* Implemented Client-side validations using **AngularJS** Custom Form Validation.
* Used **POSTMAN for REST/RESTful API** testing and Automated **REST calls** using Unirest.
* Experience in writing Stored **Procedures, Views, Functions, Indexes, and Temporary Tables** using **SQL Server**.
* Designed and developed stored procedures, queries, and views necessary to support SSRS reports.
* Used GIT as version control and **JIRA** for **bug tracking**.
* Worked in using **React JS** components, Forms, Events, Keys, **Routers, Animations,** and Flux concepts.
* Created test cases and performed **Nunit** and Integration testing on the application.
* Leveraged C# programming language for both client and server-side development within the **Blazor** framework, promoting code reuse and consistency.
* Integrated **CI/CD pipelines** with **Git repositories**, enabling version control and automated builds triggered by code commits, ensuring code consistency and collaboration among developers.
* Collaborated with development teams to integrate **MongoDB** databases seamlessly into applications, ensuring smooth data operations.
* Collaborated with cross-functional teams to integrate **TIBCO** BusinessWorks into the overall enterprise architecture.
* Utilized **Python** libraries such as Pandas, NumPy, and Matplotlib for data processing, analysis, and visualization.
* Implemented data-driven solutions, extracting valuable insights from complex datasets.
* Utilized Azure Container Registry and **Azure Kubernetes Service (AKS)** to containerize **.NET applications**, enabling scalable and consistent deployments across different environments.
* Extensive experience in defining **XML structures** using XML Schema, facilitating data validation, and enforcing data integrity.
* Expertise in implementing security best practices within **Azure**, including **encryption**, secure key management, **identity and access management**, and compliance standards adherence.

**Environment:** ASP.NET, CSS3, AngularJS, REST API, SOAP, HTML5, JavaScript, jQuery, ADO.Net, LINQ, MVC4, AJAX, Elasticsearch, SQL Server 2016, Visual Studio 2015, GIT, Jira, Bitbucket.

**Life Insurance Corporation, India Sept 2018 – Mar 2020**

**Role: Software Engineer (Azure Developer and .NET Full Stack Developer)**

**Roles & Responsibilities:**

* Developed Web Application using **C#, .Net Core, MVC4 with razor, HTML5, CSS3, JavaScript, jQuery, Angular.JS**, RESTful API Service
* Proficient in developing dynamic and interactive user interfaces using React.js, a JavaScript library for building modern, single-page applications.
* Using Curator **API** on Elasticsearch to **data backup and restore.**
* Used **WPF** in creating different animated scenes using the combination of **transforms, animation controls,** and color effects.
* Created **WCF** service interface, data type model, and implementation based on business logic.
* Involved in analyzing the **ICD 9 and ICD 10** for the data mapping from ICD 9 - ICD 10.
* Implemented Presentation layer using CSS Framework, knockout JS, Wire-framing, and **HTML5**.
* Created **XHTML Pages with CSS** and the Box Model.
* Used **jQuery** core library functions for the logical implementation part on the client side for all the applications.
* Proficiency in creating branches and managing code merges in **SVN**, facilitating parallel development efforts without disrupting the main codebase.
* Assisted business and industry in identifying specific needs of the **incumbent workforce**.
* Build Data **Sync job on Windows Azure** to synchronize data from **SQL 2012 databases to SQL Azure**.
* Created Database design, Maintenance, Views, Stored Procedures, Functions, Indexes, and Temporary Tables using **SQL Server**.
* Create complex **SQL** for more efficient data mappings and **ETL verification** and validation processes, data extractions, and **data cleansing** as necessary.
* Having experience with **Git Hub** as a **source control**.
* Worked on **SSIS** to remove duplicate records with **data standardization**.
* Worked on the Development and implementation of **SSRS** reports and ran them as per the requirement.
* Performed **NUnit** testing and integration testing for the application.
* Developed Cubes using **SQL Analysis Services (SSAS)** and Experience in Developing and Extending **OLAP Cubes**, Dimensions, and **data source view**.
* Experience with configuring and optimizing **WebSphere** environments to ensure the smooth execution of web applications.
* Used **GIT and TFS for version control** and **JIRA board** for bug tracking.
* **Implemented graph algorithms** for tasks like traversal, shortest path determination, and network analysis within the .NET ecosystem, contributing to diverse application domains. Utilized .NET frameworks and libraries to enhance algorithmic efficiency and address specific business requirements.

**Environment:** ASP.NET, C#, Amazon Web Services, AngularJS, Bootstrap, REST API, Jira, Bitbucket, Jenkins, HTML5, Java Script, MVC4, WPF, WCF, AJAX, SQL Server 2012, Visual Studio 2013, GIT.

**HDFC Bank, India July 2016 - August 2018**

**Role: .NET and UI Developer**

**Roles & Responsibilities:**

* Built complex desktop-style UI using **HTML, CSS, and JavaScript, and AJAX** including configuration wizards and interactive reports.
* Developed the application using **ASP.NET, C#** and designed web application front-end UI using CSS, AngularJS, HTML, jQuery, and JavaScript.
* Strong Experience in creating classes, modules, and implementing **OOPs** using **C#**.
* Utilized **XAML, WCF, SOAP, WPF** based Event Handlers.
* Implemented new **designs, porting, and styling legacy pages**, integrating **jQuery plugins**, and converting static forms into **Ajax** overlays.
* Used **jQuery core library functions** for the logical implementation part on the client side for **all the applications**.
* Used Telerik Controls like autoing complete **text boxes**, file upload controls, and Radgrids for a rich user experience.
* Strong hold with **GIT** (used for Version control) **commands and JIRA**.
* Developed frontend layout and intro for the home page using **Fireworks**.
* Used **JDBC** for manipulating data in the database.
* Worked on developing **REST** web services.
* Designed and developed various Web forms using **HTML, CSS, and JavaScript**.
* Coding site in **HTML, XML, CSS, Flash, PHP/MySQL, and JavaScript**.
* Implemented applications in **JavaScript, PL/SQL, and MYSQL**.
* Used **Chrome developer** tools like Fire**bug to debug bugs**.
* Involved in application design of business logic using **Java & J2EE**.
* Utilized the **mail merge techniques in MS Word** for the time reduction in sending certificates.
* Involved in developing Web Interfaces using the **Angular JS, JavaScript, and jQuery**.
* Extensively **used images of the product** for the web and catalogue.
* Web Application developed using **Web Technologies 2.0**.
* Used **Flash Animations** and **Storyboard & User Flows** for e-learning tutorials using human factor engineering design concepts.
* Performed Unit Testing and **JUnit integration** and deployment of applications done using tools such as **ANT and Maven**

**Environment:** HTML, CSS, JavaScript, AngularJS, jQuery, XML, Core Java, C++, PHP, DHTML, AJAX, Eclipse, IBM Rational Application Developer, PL/SQL, MySQL, jQuery, Dreamweaver, JSON, ASP.NET, C# 5.0/4.5, CSS3, AngularJS, REST API, SOAP, Silverlight, TFS, HTML5, XAML, LINQ, MVC4, WPF, WCF, SQL Server 2012, Visual Studio 2013, SSRS, GIT, JIRA.

**References:**Available upon request