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**Full Stack Developer Contact: (309) 205-8230**

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**SUMMARY:**

* Over 8+ years of IT experience using SDLC processes and methodologies in evaluation, design, development, testing, maintenance, and production support. Solid skills and experience in the Design, Development, and Implementation of Web-based applications.
* Experience in developing N-tier web applications using C#, Visual Studio (all versions), and ASP. Net, Microsoft. Net Frameworks, .Net Core 2.0 +, Entity frameworks, EF Core, LINQ, ADO. Net, WCF, REST, SOAP, Web Services, and Web Forms.
* Experience creating interactive web applications with HTML5, XML, CSS3, Bootstrap, JavaScript, Socket IO, jQuery, AJAX, and React JS.
* Highly proficient in creating database objects like tables, indexes, views, user-defined functions, stored procedures, triggers, cursors, data integrity, and constraints.
* Experienced in using advanced next-generation DevOps tool stacks such as Jenkins, Docker, and OpenShift.
* Implemented system security, using forms authentication, role-based authorization, and page authentication by configuring Web. Config file.
* Experienced working in Azure environment. Experience in developing applications, deploying and hosting them in Microsoft Azure.
* Expertise in Developing, Publishing & Consuming REST & SOAP Services.
* Experience working extensively on Web API, Rest API & services development, and consuming from different vendors.
* Extensively worked on writing Stored Procedures, User Defined Functions, designing RDBMS databases, etc. Developed stored procedures using SQL and used Entity Framework for Database First application.
* Experience with designing and development of applications using MVC5/MVC4/MVC3, MVVM, Singleton and Factory design patterns.

Good knowledge of using GitHub for Version Control, TFS, Team build, Project Management, Data Collection, and Reporting

* Dedicated self-motivated achiever committed to success and adept at prioritizing multiple tasks in high-pressure environments with excellent communication and interpersonal skills.

**Educational Qualifications**

* Masters in the Field of Computer Science (Bellevue University-2017).
* Bachelor’s in the field of Computer Science (Satyabama University-2015).

**PROFESSIONAL EXPERIENCE:**

**Client: Starbucks, Seattle, Washington May 2021 to Present**

**Role: Full Stack .Net developer**

**Project Scope:**

The project aims to set up delivery options for all 11,000 stores by connecting with delivery partners such as Uber Eats, DoorDash, and more.

**Responsibilities:**

* **Adopted Agile Methodology** for end-to-end project lifecycle management, from design and development to testing, ensuring timely delivery of high-quality software solutions.
* **Developed and optimized React JS components**, utilizing Virtual DOM and Life Cycle Methods to improve state management and props handling, resulting in a more dynamic and responsive user interface.
* **Developed a comprehensive web application** using TypeScript, React JS, and MVC patterns, integrating Web API to deliver a seamless and interactive user experience.
* **Engineered robust web applications** using ASP.NET Web Forms, implementing state management and caching strategies to improve application performance and security measures significantly.
* **Designed and deployed scalable server-side solutions** with ASP.NET Core and C#, utilizing Entity Framework to streamline database interactions, enhancing application efficiency and reliability.
* **Leveraged XML/JSON and AJAX** to integrate back-end applications, enhancing web protocols and standards compliance (HTTP, HTML/XHTML, web forms) for optimal user experience.
* **Designed RESTful services and WCF-SOAP** interfaces, optimizing communication protocols and custom debugging/performance modules to enhance service reliability and performance.
* **Enhanced data visualization and monitoring** using Kibana to analyze Kafka topic messages, promptly identifying and resolving data transmission issues.
* **Applied LINQ functions with Lambda Expressions** for efficient CRUD operations on SQL and NoSQL databases, enhancing data handling capabilities and application performance.
* **Configured and managed large-scale database solutions** in Azure, employing NoSQL Server and Oracle databases to support extensive data storage and retrieval requirements efficiently.
* **Automated and streamlined deployment processes** for Microservices and Lambda functions using Jenkins, facilitating continuous delivery and reducing deployment times significantly.
* **Implemented continuous integration and deployment pipelines (CI/CD)** using NUnit/TestNG, NAnt/MSBuild, and Jenkins, accelerating development cycles and ensuring high-quality code deployments.
* **Automated web services testing** using .NET library Rest Assured, setting up Selenium GRID on cloud machines, and employing Cucumber for REST API automation, significantly improving testing efficiency and reliability.
* **Orchestrated containerized test environments** using Docker and Kubernetes, facilitating seamless configuration and deployment processes, and improving development and testing efficiency.

**Client: GoPerspecta, Langhorne, PA Nov 2020- April 2021**

**Role: Full Stack Developer**

**Project Scope:**

The objective of the project is to maintain and enhance a few projects, which would help the providers find the correct physician or healthcare provider and make appointments via the web app.

**Responsibilities:**

* **Mastered front-end development** using HTML5, CSS3, JavaScript, and Bootstrap, creating responsive and visually appealing web interfaces. Leveraged these technologies to ensure cross-browser compatibility and optimal user experience across multiple platforms.
* **Utilized Material UI and React JS Material** for the creation of interactive user interfaces, including drag-and-drop features, widgets, menus, and forms, enhancing user engagement and satisfaction.
* **Created custom web parts and user controls** using .Net Core and C#, demonstrating expertise in component-based software engineering for modular and maintainable web applications.
* **Designed and configured robust security measures** for .NET framework applications, including Code Access Security, Authentication, and Authorization, ensuring high-level application security and data protection.
* **Leveraged Kafka for in-depth visualization** of Kafka topic messages, enabling efficient data search and failure detection within Kafka message streams.
* **Developed a WPF application** that generates Silverlight Class libraries from XML files, showcasing the ability to automate and simplify complex development tasks.
* **Created RESTful services using ASP.Net Web API and WCF** to facilitate secure and efficient communication with client applications, employing advanced transport protocols.
* **Architected and implemented production ASP.NET 3.5 web pages in C#**, retrieving data from various sources using ODBC, ADO.NET, and LINQ, enhancing data accessibility and application functionality.
* **Worked with advanced ASP.NET Core MVC concepts**, such as model providers and filters, to develop cutting-edge backend technology solutions.
* **Handled ASP.NET client-side and server-side state management**, employing view state, cookies, query strings, application state, session state, and profile properties to maintain application state across sessions.
* **Implemented Azure Service Bus queues and web jobs** to facilitate message passing between REST web APIs, decoupling components for improved scalability and system reliability.
* **Utilized Azure storage solutions** (blob and table storages) for efficient storage of images, complex files, and email templates, demonstrating expertise in cloud storage technologies.
* **Imported data from flat files to SQL Server databases using SSIS**, and utilized Azure for application scaling and reliability checks, showcasing expertise in data integration and cloud-based application management.
* **Developed complex SQL and T-SQL queries, views, and stored procedures** for Microsoft SQL Server databases, enhancing data manipulation and retrieval efficiency.
* **Built comprehensive CI/CD pipelines** using Hudson, Bamboo, Jenkins, and TeamCity, achieving end-to-end automation for builds and deployments, which reduced manual intervention and improved release cycles.
* **Deployed web applications to Microsoft Azure Service Fabric**, demonstrating proficiency in cloud deployment strategies and the utilization of Azure's microservices platform for high availability and scalability.

**Client: Evicore, Franklin, TN May 2019– Oct 2020**

**Full Stack Developer**

**Project Scope:**

The project aims to migrate the legacy system by integrating two network portals into a single portal, host all services in the cloud, and process all claims within 24 hours.

**Responsibilities:**

* **Followed Agile methodology** for software development, organizing 1-week sprints and gathering detailed user stories from business stakeholders, enhancing team efficiency and product relevance.
* **Contributed to all phases of the Software Development Life Cycle (SDLC)**, including project planning, analysis, design, development, implementation, and support, ensuring comprehensive project management and execution.
* **Employed various React frameworks** (Material UI, Semantic UI, React MD, React widget) to design responsive and visually appealing components.
* **Integrated React Router with Redux app**, enabling seamless routing and state management within React applications for a cohesive user experience.
* **Published front-end web applications** through Azure App Services, ensuring high availability and seamless user access.
* **Utilized JavaScript and jQuery libraries**, AJAX for dynamic form validation, and CSS for table-less layouts in compliance with W3C standards, enhancing web application interactivity and design.
* **Utilized Node.js as the backend server technology**, proficiently deploying web-building technologies such as jQuery, JavaScript (including ES6), TypeScript, Gulp JS, JSON, and Node.js to create responsive and efficient web services.
* **Maintained and enhanced legacy applications** using ASP.NET Core and Azure, improving performance and extending functionality to meet evolving business needs.
* **Developed loosely coupled Microservices Architecture**, utilizing Restful API to improve system scalability and maintainability.
* **Deployed web services for online transactions** using C#, exposing them through SOAP and HTTP, enabling secure and efficient transaction processing.
* **Applied Model-View-Controller (MVC) architecture** in web applications, streamlining development and enhancing maintainability of HTML views.
* **Secured ASP.NET Core Web API** using JWT token-based authentication, providing robust security and precise authorization for different user roles.
* **Leveraged WPF Telerik Controls** for rapid application development, accelerating project timelines, and improving user interface design.
* **Designed and developed MS SQL Server databases**, focusing on schema development, stored procedures, triggers, and audit functionalities in T-SQL to ensure data integrity and performance.
* **Set up build pipelines from scratch** in Azure DevOps, incorporating test cases and code coverage tasks to ensure high-quality code and robust applications.
* **Implemented a CI/CD pipeline** utilizing Docker, Jenkins (with TFS Plugin), Team Foundation Server (TFS), GitHub, and Azure Container Service, facilitating automatic builds and deployments upon new branch creation.

**Client: Vanguard, PA October 2018– May 2019**

**Full Stack Developer**

**Project Scope:**

The project's scope is to allow their worldwide clients to securely transfer data files from their location or local system via encrypting and decrypting data to the providers.

**Responsibilities:**

* **Adhered to strict Agile methodology**, participating in daily stand-up meetings to monitor team progress and ensure timely delivery of project milestones.
* **Developed responsive webpages**, employing UI libraries such as Bootstrap, JavaScript, jQuery, and React JS to create intuitive and user-friendly interfaces.
* **Integrated JavaScript libraries and frameworks** such as Bootstrap templates, Backbone JS, and React, to enrich front-end features and interactivity.
* **Implemented front-end features using TypeScript/JavaScript** and RESTful APIs, contributing to the modernization and functionality enhancement of applications.
* **Incorporated jQuery and JavaScript** for API calls and connecting to C# action methods, streamlining data exchange and application responsiveness.
* **Developed services in Angular** that consume RESTful services from a .Net core backend, delivering a secure and responsive web application utilizing Angular 4.
* **Developed dynamic web applications** using .Net MVC 4/5 (.Net framework), C#, Material UI, Socket IO, React JS, and MS SQL Server, delivering robust and scalable solutions to meet business requirements.
* **Leveraged Jenkins for continuous integration**, achieving end-to-end automation across all build and deployment processes, significantly improving development workflow and product quality.
* **Designed and developed secure backend web applications** with .NET Core and C#, incorporating Form-Based Authentication to safeguard user data and enhance application security.
* **Handled JSON data serialization and deserialization** for API communications, ensuring seamless data flow between front-end and back-end systems
* **Implemented Prism MVVM design pattern** in developing WPF applications, enhancing application maintainability and testability.
* **Created a Data Access Layer with Entity Framework**, facilitating efficient data operations between the application and SQL Server, optimizing data connectivity and manipulation.
* **Managed server setup and deployment**, installing and configuring Windows 2008 R2/IIS 7.5/ASP.NET servers in the development environment, ensuring optimal infrastructure readiness.
* **Utilized Microsoft Azure Services (IaaS and PaaS)**, exploring cloud solutions to optimize application deployment and scalability.
* **Utilized Team Foundation Server (TFS)** for SDLC management, enhancing team collaboration and project tracking.
* **Designed and implemented a distributed queuing service** using Azure Service Bus, integrating multiple applications and services for efficient purchase order processing.

**Client: Horace Mann, Springfield, IL July 2017 – October 2018**

**Full Stack Developer**

**Project Scope:**

This project's scope is to implement more security to end users by providing 2nd verification processing system to handle their accounts more securely.

**Responsibilities:**

* **Engaged daily in Scrum Software development methodology and Test-Driven Development (TDD)**, contributing to agile project management and ensuring high-quality software delivery through rigorous testing.
* **Implemented Multi-factor Authentication** using OKTA services, enhancing user security by adding a secondary verification layer.
* **Experienced in working with web forms and data binding controls** such as Grid View, Data List, dropdowns, and mapping page fields to database fields, improving UI interaction and data handling.
* **Performed comprehensive form validations** using .NET validation controls and client-side validation with React JS, ensuring data integrity and user input accuracy.
* **Implemented Azure Key Vault** to securely manage keys, secrets, and certificates for APIs and web applications hosted on service fabric clusters and web apps, significantly enhancing application security.
* **Developed localization APIs** to store translated data in SQL tables, facilitating multi-language support and broadening application accessibility.
* **Maintained and enhanced web applications** using ASP.NET Core 2 and ASP.NET MVC 5, ensuring applications stay up-to-date and meet evolving user needs.
* **Responsible for version control** using Team Foundation Server (TFS), maintaining source code integrity and supporting collaborative development efforts.
* **Created event-driven Web Forms using ASP.NET**, incorporating form validation with Validation controls, Custom validation, and JavaScript for client-side validations, improving form functionality and user experience.
* **Developed web applications** using .Net MVC 4/5 (.Net framework 4.0/4.5), Socket IO, React JS, and MS SQL Server, delivering robust and scalable solutions.
* **Utilized JavaScript and jQuery libraries, AJAX** for form validation and interactive features, and designed table-less layouts using CSS and HTML tags in compliance with W3C standards, enhancing web application aesthetics and performance.
* **Secured APIs using Azure API Manager**, adding a gateway to all APIs with a subscription key mechanism, strengthening API security and access management

**Scope International, India Sep. 2014 –Oct. 2015**

**.NET Developer**

**Responsibilities:**

* **Engaged in the entire project lifecycle** from requirements gathering through to analysis, design, and development, utilizing the Iterative AGILE Methodology to ensure adaptive planning and timely delivery of project objectives.
* **Designed and developed a web application** leveraging the Model View Controller (MVC) framework, enhancing application modularity and facilitating easy maintenance and scalability.
* **Implemented ASP.NET MVC Page Controller pattern** to extend functionality to individual pages, enabling the handling of page requests and the execution of actions on the controller, thus improving page responsiveness and user interaction.
* **Worked with Web API** to create services that respond to HTTP requests, ensuring seamless data exchange and integration with front-end components for a robust application architecture.
* **Developed the Data Access Layer using Entity Framework**, employing Repository, Aggregator, and Façade patterns for efficient data retrieval and manipulation from Azure storage (SQL and File), supplemented by API calls to enterprise APIs for enterprise data access.
* **Participated in client meetings** alongside the team to discuss and identify application improvement opportunities, demonstrating commitment to continuous enhancement and client satisfaction.
* **Utilized C#, JavaScript, and AngularJS** for user interface design and development, employing the Code behind Class technique to separate business logic from UI, thereby ensuring a clean, maintainable, and testable code base.