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| Summary I am an experienced Full Stack Engineer with 9 years who has expertise in both the frontend and backend development of C#-based applications. I am skilled in Dot NET frameworks and JavaScript frameworks like React and Angular. In database management, I'm skilled in T-SQL, NoSQL, PL/SQL, and Cosmos DB, while messaging technologies like Kafka and MSMQ are part of my repertoire. My proficiency in CI/CD using Azure cloud services ensures efficient deployment. I have experience in Software Development Life Cycle using development methodologies and Agile principle. Apart from technical skills, I have strong problem-solving abilities, excellent communication skills, and the capability to collaborate effectively with stakeholders. skills **Programming Languages:** C#, Java, JavaScript/TypeScript, Node.js  **Web Development:** ASP.NET Core, ASP.NET MVC, .NET Core, WinForms, ADO.NET, WPF, WCF, Entity Framework, Blazor, Angular, React, GraphQL, jQuery  **Databases Technologies:** Microsoft SQL Server, Azure Cosmos DB, Azure SQL, MongoDB, PL/SQL, T-SQL, SSIS, LINQ  **Cloud Technologies:** Azure, AWS  **DevOps:** Docker, Kubernetes, Jenkins, Azure DevOps, GitLab  **Messaging Systems:** Apache Kafka, MSMQ, Kafka Connect  **Testing:** Selenium, NUnit  **Other Tools:** Jira, Scrum ExperienceSenior Full Stack Engineer | Dentsply Sirona2020.10 – 2023.10 | Charlotte, NC  * Led a development of modern software suites in **.NET 6** with **Azure** Serverless Architecture with an **Angular** framework, resulting in a 20% reduction in response times and a 28% increase in system reliability. * Developed **ASP.NET** Web API Controllers that involved in implementation of service layer components and data object layer components using **ASP.NET MVC** Web Application. * Effectively utilized the **ASP.NET Security** infrastructure to authenticate and authorize user access, as well as to perform other security-related tasks using **.NET Core**. * Configured **Windows Communication Foundation** (WCF) service to authenticate clients with Windows credentials for intranet applications for login validations. * Developed a responsive, intuitive, and visually appealing user interface using the **React** frameworks with **TypeScript**, adhering to UX/UI design principles. * Developed the applications using **C#**, **ASP.NET MVC** with **Razor View Engine**, **AJAX**, **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **TypeScript**, **JSON**, **Angular**. * Used **GraphQL** for efficient data handling and manipulation, improving application performance. * Developed efficient and scalable **RESTful API**s using **Node.js**, resulting in a 50% reduction in API response time and improved code maintainability through the use of clean and modular code practices. * Led a team of developers in the successful implementation of a client-facing web application using **Blazor** for a major client, resulting in a 20% increase in user engagement. * Architected and developed high-performance dental platform using **ASP.NET MVC**, **Entity** **Framework**, and **SQL Server**, optimizing data retrieval, manipulation, and storage for enhanced efficiency and an exceptional user experience. * Extensively used **LINQ** and ORM tools like **Entity** **Framework** to exchange data between web applications and database objects. By using Entity Framework Code First Migrations I accomplished this task in a relatively easy way. * Developed and maintained ETL processes using **T-SQL** and **SSIS**, enabling efficient data extraction, transformation, and loading from various sources. * Orchestrated the implementation of advanced data partitioning and horizontal scaling strategies within **Azure Cosmos DB**, adeptly managing expanding datasets to guarantee seamless scalability and optimize resource utilization. * Led the migration of on-premises applications to Azure cloud infrastructure, leveraging **Azure Kubernetes Service** (AKS) for container orchestration. * Managed the platform on **AWS**, utilizing services such as **Amazon EC2**, **Amazon RDS**, **Amazon S3** and **Lambda functions** to achieve seamless scalability, enhanced reliability, and secure data storage, resulting in a 99.9% uptime and improved data security. * Integrated **Microsoft Message Queuing** (MSMQ) and **Apache** **Kafka**, resulting in improved communication efficiency by 3 times in scenarios where real-time data streaming and reliable asynchronous messaging were crucial for seamless operations across various dental services. * Architected and implemented more than seven robust and scalable **microservices**, emphasizing fault tolerance and distributed systems, with a focus on security and caching. * Implemented **DevOps** methodologies and tools, including **Jenkins** and **GitLab**, to automate and optimize processes, including the implementation of **CI/CD** pipelines. * Worked on Agile SDLC, **Scrum** Methodology to practice-based methodology for modeling and documentation of software-based csystems. * Implemented Test Driven Development (**TDD**) using the **NUnit** Framework for unit testing and ability to load, explore and execute tests.  Full Stack Developer | UnitedHealthcare2016.07 – 2020.08 | Dallas, TX  * Developed web applications using **C#** and **ASP.NET**, following MVC architectural pattern and utilized **.NET Core** framework to build cross-platform applications. * Designed and developed high-performance backend services using **.NET 5** in a healthcare analytics platform, enabling real-time data processing and analysis for healthcare professionals. * Developed visually appealing and user-friendly interfaces by building responsive pages on frontend frameworks such as **React** and **Angular**, and utilizing **Tailwind CSS**, **JavaScript**/**TypeScript**, Headless UI, and other tools. * Developed various visualized reports, including column charts, drilldown charts, and stacked area charts, using Highcharts. Parsed data into **JSON** format and displayed it in the view through **jQuery AJAX** calls within a healthcare analytics platform. * Created **REST APIs** and utilized **Windows Communication Framework** (WCF) services for seamless data exchange, improving system interoperability by 23% * Used **ADO.NET** and data objects such as Data Adapter, Data Reader, Dataset, Data table, and XML Text Reader Writer for consistent access to **SQL** data sources. * 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**. * Implemented optimized **LINQ** queries in **Entity** **Framework** to efficiently retrieve and manipulate data from the database, enhancing application performance by 20% and reducing response times by 15%. * Spearheaded the integration of **SSIS** into the dental project's architecture, optimizing the extraction, transformation, and loading (ETL) processes for diverse data sources, including patient records and diagnostic data. * Architected and implemented a migration strategy from on-premises **SQL Server** to **Azure SQL** Database, achieving a seamless transition and improving database performance. * Implemented **microservices** architecture using **Docker** and **Kubernetes**, improving deployment flexibility, and enabling efficient scaling of services. * Developed and maintained **Microsoft Message Queuing** (MSMQ) message queues to facilitate seamless data exchange between different modules of the application, improving overall system efficiency. * Practiced Agile methodologies, including **Jira** for task management, resulting in efficient team collaboration. * Actively participated in **Scrum** rituals, including daily stand-ups, sprint planning, sprint reviews, and retrospectives, ensuring effective collaboration and resulting in a 31% faster project delivery. * Collaborated effectively using **GitLab** and **Jenkins**, fostering seamless code development, efficient code review processes, and continuous integration to ensure high-quality software deliverables. * Ensured quality and reliability of web applications by implementing end-to-end testing using **Selenium** and **NUnit**.  Backend Developer | Aldridge2014.05 – 2016.05 | Houston, TX  * Designed and developed various abstract classes, interfaces, classes to construct business logic using **C#.NET**. * Implemented **.NET** frameworks, reducing the development time by 18% and enhancing the scalability and maintainability of the e-commerce platform. * Developed module which deals with validating user, changing passwords and searching of information depending upon priority of user in site using **ASP.NET**. * Created event driven Web Forms using **ASP.NET** and implemented form validation using Validation controls and Custom validations. * Securing strong experience creating windows UI using **WinForms** and **Windows Presentation Foundation** (WPF) with MVVM pattern. * Designed and implemented a mission-critical **Microsoft SQL Server** database supporting a high-transaction e-commerce platform, resulting in a 30% improvement in system response time. * Designed and implemented robust data access layers using **ADO.NET**, providing high-performance database interactions and seamless integration with **SQL Server**. * Designed and implemented efficient **RESTful APIs** using **C#**'s built-in HTTP package to facilitate seamless communication between services. * Designed and implemented **GraphQL** APIs for a customer-facing e-commerce platform, allowing for flexible and optimized data retrieval based on client requirements. * Designed and optimized **MongoDB** collections and indexes to ensure efficient retrieval and storage of wallet-related data. * Worked on building & deploying **Java** code through **Jenkins**, used Jenkins **Amazon Web Services** (AWS) Code Deploy plug-in to deploy to AWS and worked AWS Cloud management. * Implemented **Kafka Connect** to facilitate seamless data integration between Kafka and other data sources, enhancing data flow and analytics capabilities. * Automated the development process using **Azure DevOps** and other **CI/CD** tools, enabling continuous integration and deployment of the application. * Worked on cloud computing using **Azure** which provides an API built on REST, HTTP, and XML that allows a developer to interact with the services provided by **Microsoft Azure**.  EDUCATIONBachelor of Computer Science | University of Houston2010.04 – 2014.05 | Houston, TX Bachelor of Computer Science with a GPA of 3.8/4.0 from the University of Houston, including coursework in data structures, object-oriented programming, database systems, operating systems, and software design. | |