***Trisheela Kadaram***

***Sr. .Net Developer***

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***PROFESSIONAL SUMMARY:***

* ***11+ years of experience*** *in design and development of client/server, web based, n-tier, SOA and Micro services applications. Expert in developing Web applications, Windows services, Web services and WCF services in* ***Microsoft .Net Framework using MVC, ASP.NET, Angular JS, C#, ADO.NET, LINQ, SQL SERVER, Entity Framework, SSIS, SSRS, Ajax, WFC, Win Forms, Web API, CSS, JavaScript, jQuery, Bootstrap, AJAX, JSON, HTML5.***
* *Having Experience for creating and Managing* ***Docker*** *ORM files for creating necessary base images used for automation of build and deployment environments.*
* *Experience using* ***LINQ****,* ***NHibernate*** *and* ***Entity Framework*** *mappers to interact with other layers*
* *Experience with* ***AWS and Azure*** *services with workload requirements*
* *Experience with migrating applications from customer on-premises datacenter to the cloud (AWS).*
* *Proficient in database programming to create* ***Joins, Stored Procedures, Functions, Views and Triggers*** *using* ***T-SQL*** *in* ***SQL Server 2005/2008/2012/2014, Oracle SQL developer, IBM DB2***
* *Familiar with* ***MongoDB*** *database concepts locking, indexes, transactions, replication & schema design*
* *Extensive experience with reporting tools like* ***SSRS and Crystal reports*** *for designing and modifying reports and creating shared and embedded data sources to pull data into reports from the database*
* *Experience in configuring* ***Internet Information Server (IIS)****, creating virtual directories, mapping them to physical folders and configuring applications for domain authentication.*
* *Experience in both* ***Agile Software Development*** *methodology and* ***SCRUM*** *frameworks.*
* *Experience in all phases of* ***Software Development Life Cycle (SDLC)****, concept to full implementation, and software design life cycle management implementation with Agile Methodologies.*
* *Proficient in UI development using* ***HTML, CSS, jQuery, JavaScript, Angular9, Node.JS, JSON, AJAX, and Bootstrap***
* *Experience on JavaScript framework* ***(Angular 7, Backbone, Bootstrap****) to augment browser-based applications with MVC capability.*
* *Solid understanding in developing* ***Single Page Application (SPA****) developing using* ***Angular framework***
* *Experience in developing Web Applications using* ***AJAX controls, Telerik Controls****,* ***Web Services*** *and Cross Browser functionalities.*
* *Strong expertise in DevOps* ***concepts like Continuous Integration (CI), Continuous Delivery (CD) and Infrastructure as Code (IaaS****), Cloud Computing etc.*
* *Created Azure Event Hub for Application instrumentation and for user experience or workflow processing.*
* ***Experience with Azure AKS*** *(Azure Kubernetes Service) for container orchestration and managing scalable, secure applications in the cloud.*
* *Proficient in using* ***Azure App Service*** *for building, deploying, and scaling web applications seamlessly in the Azure cloud environment.*
* *Extensive experience in* ***Azure DevOps*** *for continuous integration, delivery, and automating workflows with pipelines, version control, and release management.*
* *Expertise in* ***Docker*** *for containerization, building reusable base images, and orchestrating containerized applications across different environments.*
* *Skilled in* ***Kubernetes*** *for deploying, scaling, and managing containerized applications, ensuring high availability and fault tolerance.*
* *Proficient in using* ***Git*** *for version control, collaborating on code, and managing feature branches with GitFlow*
* ***Infrastructure as Code (IaC)*** *expertise with* ***Terraform*** *to automate infrastructure provisioning and management in cloud environments, ensuring consistent deployments*
* *Strong automation skills with* ***Ansible*** *for configuration management, application deployment, and system updates across diverse infrastructure environments.*
* *Comfortable working with* ***ARM (Azure Resource Manager)*** *templates for deploying and managing Azure resources efficiently and securely.*
* *Strong scripting skills with* ***PowerShell*** *and* ***Python*** *to automate tasks, manage Azure resources, and build scalable solutions for cloud environments.*

***Technical Skills:***

| *.NET Technology* | *.NET Framework 2.0/3.0/3.5/4.0/4.5, C#, ASP.NET, ASP.NET MVC 3/4/5, ADO.NET, ADO.NET Entity Framework, LINQ, WCF and WPF.* |
| --- | --- |
| *Web Technology* | *JavaScript, jQuery, AJAX, Angular 1.6/2, Node.JS, Knockout.js, CSS, HTML4/HTML5, XML, JSON, DHTML* |
| *Languages* | *C#, VB.net, JAVA, C++, C and Power shell* |
| *Databases* | *SQL Server 2005/2008 R2/2010/2012/2014, MySQL 4/5, Oracle 8i/9i/10g/11g* |
| *Design Patterns* | *Service Oriented Architecture (SOA), Model View Controller (MVC), Factory, Singleton, and Object-Oriented Design.* |
| *Web/App Server* | *Web Server: IIS, APACHE* |
| *IDE* | *MS Visual Studio.NET 2008/2010/2012/2013/2019/2022, Macromedia Dream Weaver, ZEND studio, SQL Management 2012, SQL Developer and LAMP* |
| *Reporting Tools & Others:* | *MS SQL Reporting Services 2005, Microsoft Visio and UML, TOAD, Nunit* |
| *Version Control Systems* | *Team Foundation Server, SVN, GIT* |

***Work Experience:***

***Client: GE Healthcare,******Chicago IL (Remote)***

***Role: Sr .Net Full Stack Developer Jan 2022 to Present***

***Responsibilities:***

* *Developed and maintained enterprise-level web applications using* ***.NET Core*** *and* ***.NET Framework****, ensuring high-performance and scalable solutions.*
* *Enhanced* ***SaaS solutions*** *for logistics management, integrating* ***real-time tracking*** *to improve operational efficiency.*
* *Designed and implemented* ***RESTful APIs*** *and* ***web services*** *using* ***ASP.NET Web API****, enabling seamless integration with external systems.*
* *Optimized* ***SQL queries****,* ***stored procedures****, and* ***PL/SQL*** *packages in* ***Oracle databases*** *to improve performance and support business logic.*
* *Performed* ***database performance tuning*** *including indexing, query optimization, and execution plan analysis to enhance data access.*
* *Conducted* ***unit and integration testing*** *using* ***NUnit****,* ***xUnit****, and* ***MSTest****, ensuring high-quality software delivery.*
* *Utilized modern front-end technologies such as* ***Angular****,* ***React****, and* ***Blazor*** *to create dynamic and responsive user interfaces.*
* *Developed* ***microservices architecture*** *using* ***.NET Core*** *for independent scaling and deployment, ensuring flexibility in service management.*
* *Containerized* ***.NET Core microservices*** *with* ***Docker*** *for consistent deployment across multiple platforms.*
* *Implemented* ***OAuth 2.0*** *and* ***JWT*** *for secure authentication and authorization, ensuring API access control and secure identity management.*
* *Integrated and optimized* ***GCP Cloud Run*** *for serverless execution of containerized* ***.NET Core applications*** *with automatic scaling.*
* *Automated provisioning of cloud infrastructure using* ***Terraform****, ensuring consistent environments across development and production.*
* *Utilized* ***Azure DevOps*** *for* ***CI/CD pipelines****, reducing deployment time and enhancing release cycle efficiency.*
* *Applied security best practices in* ***SSO implementation*** *and API encryption, safeguarding user credentials and sensitive information.*
* *Leveraged* ***Linux*** *scripting for system monitoring, application deployment, and integration between* ***.NET*** *and* ***Linux-based services****.*
* *Automated* ***RabbitMQ management*** *tasks with* ***Ansible****, reducing operational overhead and enhancing system performance.*
* *Integrated* ***circuit breaker*** *and* ***retry patterns*** *in* ***.NET Core microservices*** *to improve service reliability and resilience.*
* *Deployed* ***.NET Core microservices*** *on cloud platforms (****AWS****,* ***Azure****,* ***GCP****) using* ***Kubernetes*** *and* ***Docker*** *for high availability and scalability.*
* *Developed* ***interactive DataWindows*** *for real-time data manipulation and display to end users.*
* *Created* ***WPF/Silverlight applications*** *with* ***MVVM architecture****, ensuring clean separation of concerns and maintainability.*
* *Implemented* ***Azure Storage****,* ***Azure SQL Services****, and* ***Azure Web Role*** *for scalable and reliable cloud solutions.*
* *Developed responsive web pages using* ***HTML****,* ***CSS****,* ***jQuery****, and* ***Bootstrap 4.0*** *to enhance cross-browser compatibility.*
* *Created* ***Web API controllers*** *for RESTful services and integrated with backend* ***ASP.NET Web API*** *and* ***WCF****services.*
* *Worked with* ***SSIS*** *for data ETL tasks, creating* ***SSIS packages*** *to integrate data from external sources like text files and Excel.*
* *Implemented* ***MDI architecture*** *in applications, enabling users to manage multiple windows efficiently.*
* *Utilized* ***Terraform*** *for managing reusable infrastructure components, improving the maintainability of .NET architecture patterns.*
* *Integrated third-party APIs, handling* ***OAuth authentication****, data synchronization, and error management using* ***Node.js*** *for efficient data flow.*
* *Strong understanding of* ***Equity Derivatives*** *and expertise in designing and supporting complex trading systems.*
* *Designed and deployed microservices to* ***Azure Kubernetes Service (AKS)*** *and managed workloads using* ***Docker*** *and* ***Kubernetes****, achieving automated scaling and self-healing.*
* *Automated infrastructure setup using* ***Terraform****,* ***ARM templates****, and* ***Ansible****, streamlining multi-cloud deployments and configuration management.*
* *Leveraged* ***Git****,* ***Azure DevOps****, and* ***PowerShell/Python scripting*** *to build robust CI/CD pipelines and automate manual DevOps tasks for seamless application delivery.*

***Environment:*** *VisualStudio2022/2019/2017/2015/2012/2010/2008, .NET Core, ASP.NET MVC/Web API, C#, VB.NET, Oracle, SQL Server, Angular, React, Blazor, HTML5, Bootstrap, Git, Azure DevOps, Azure AKS, Azure App Service, Docker, Kubernetes, ARM Templates, Terraform, Ansible, PowerShell, Python, WPF, SSIS, Linux Red Hat, OpenShift, GraphQL, OAuth2.0, JWT, TLS, SSO, RabbitMQ, Entity Framework, LINQ, IIS, Microsoft Enterprise Library.*

***Client: State of NC,******NC***

***Role: Sr .Net Developer June 2019 to Dec 2021***

***Responsibilities:***

* *Involved in the complete* ***Software Development Life Cycle (SDLC)****, including* ***Analysis****,* ***Design****,* ***Implementation****,* ***Testing****, and* ***Maintenance****.*
* *Designed* ***SaaS solutions*** *for TXDOT, incorporating state-specific regulatory requirements and reporting functionalities to enhance compliance and data management.*
* *Participated in* ***Agile/Scrum*** *sprints, delivering features in* ***two-week iterations*** *and ensuring timely delivery in a fast-paced environment.*
* *Implemented* ***CRUD operations*** *using* ***Entity Framework*** *in* ***ASP.NET MVC****, enabling efficient data handling and interactions.*
* *Developed* ***ASP.NET MVC*** *applications with* ***Page Controller*** *pattern for page-specific functionality and input handling.*
* ***Ensured regulatory compliance*** *by implementing* ***Computer System Validation (CSV)*** *processes in software development*
* *Built scalable, high-performance backend services using* ***ASP.NET MVC****,* ***Web API****, and* ***Kafka*** *for message streaming and asynchronous communication.*
* *Designed dynamic, multi-browser compatible web pages using* ***HTML****,* ***CSS****,* ***jQuery****, and* ***JavaScript*** *to enhance user experience.*
* *Developed* ***microservices*** *with* ***.NET Framework*** *and* ***.NET Core****, implementing* ***event-driven architectures*** *and leveraging* ***RabbitMQ*** *and* ***Kafka*** *for messaging.*
* *Integrated* ***Kafka*** *for streaming and message queuing across multiple services, ensuring smooth data flow in the system.*
* *Designed and developed* ***Logging and Monitoring*** *for microservices using* ***Fluentd*** *to ensure performance tracking and issue identification.*
* *Implemented* ***Web API services*** *for CRUD operations with HTTP verbs (****GET****,* ***POST****,* ***PUT****,* ***DELETE****).*
* *Leveraged* ***React****,* ***Redux****, and* ***React Router*** *to design dynamic and scalable single-page applications (SPAs).*
* *Optimized* ***Blazor applications*** *with advanced* ***state management*** *and* ***component design*** *best practices for better performance.*
* *Integrated* ***Azure services*** *including* ***Azure App Services****,* ***Azure Functions****, and* ***AKS*** *for deploying cloud-native applications with high availability.*
* *Developed and maintained* ***unit tests*** *using frameworks like* ***MSTest****,* ***xUnit****, and* ***NUnit****, ensuring robust software quality.*
* *Deployed* ***.NET applications*** *on* ***IIS****, optimized* ***SQL queries****, and used* ***SQL Server Reporting Services (SSRS)*** *for reporting.*
* *Integrated* ***AWS IAM*** *for secure authentication and authorization, ensuring access control across cloud environments.*
* *Designed secure* ***API endpoints****, implementing encryption techniques like* ***AES*** *and* ***RSA*** *to protect sensitive data.*
* *Automated deployments using* ***CI/CD pipelines*** *with* ***Azure DevOps*** *and* ***SVN hooks****, ensuring seamless and consistent releases.*
* *Utilized* ***Kubernetes*** *for orchestration, ensuring smooth rolling updates,* ***Blue-Green*** *deployments, and* ***Canary releases*** *for* ***.NET services****.*
* *Worked with* ***Terraform*** *for provisioning and managing cloud infrastructure, ensuring scalable and consistent environments.*
* *Implemented* ***gRPC*** *communication for high-performance, low-latency communication between microservices.*
* *Integrated* ***AI-powered features*** *using* ***OpenAI*** *and* ***ChatGPT****, enhancing application intelligence with natural language processing.*
* *Implemented event-driven architecture and optimized* ***DataWindow*** *performance for efficient data retrieval in client applications.*
* *Designed and developed* ***scalable backend services*** *for cloud solutions, leveraging* ***Google Cloud SQL*** *and* ***Firestore*** *for efficient data storage.*
* *Managed* ***RedHat Linux*** *server accounts, user groups, and permissions, ensuring compliance with company security policies.*
* *Utilized* ***React Hooks*** *to create reusable logic components, reducing redundancy and streamlining code management across the application.*
* *Automated infrastructure provisioning and configuration using* ***Terraform, ARM templates, and Ansible****, increasing deployment reliability and speed.*
* *Managed cloud-native deployments using* ***Azure AKS****,* ***Docker****, and* ***Kubernetes****, optimizing application availability and scalability.*
* *Created PowerShell and Python scripts to automate CI/CD workflows, integrated with* ***Azure DevOps*** *and* ***Git*** *for version-controlled deployment.*

***Environment:*** *Visual Studio 2022/2019/2017/2015/2012/2010/2008, .NET 4.5/5.0, VB.NET, C#, ASP.NET MVC, ASP.NET Web API, .NET Core, Entity Framework, LINQ, AIX, Linux RedHat, UNIX Shell Scripting, JavaScript, React JS, React Router, Redux, React Hooks, Bootstrap, HTML, HTML5, CSS, jQuery, Microsoft Azure DevOps, Azure App Services, Azure Functions, Azure Kubernetes Service (AKS), Terraform, ARM Templates, Ansible, Kafka, RabbitMQ, Fluentd, gRPC, Docker, Kubernetes, Git, SVN, SQL Server (SDS), SSRS, Microsoft Enterprise Library, Service Locator, AWS IAM, Google Cloud SQL, Firestore, PowerShell, Python, MSTest, NUnit, xUnit, Blazor, OpenAI/ChatGPT.*

***Client:******Nation Wide (Insurance),******Dayton OH***

***Role: Sr .Net Developer Apr 2017 to May 2019***

***Responsibilities:***

* *Implemented* ***API Gateway patterns*** *in* ***.NET Core microservices*** *to centralize requests and manage concerns like* ***rate limiting*** *and* ***authentication****.*
* *Wrote* ***stored procedures****,* ***joins****, and* ***triggers*** *for* ***SQL Server*** *(2008/2012) to optimize database connections and data retrieval.*
* *Developed* ***serverless applications*** *using* ***AWS Lambda****, integrated with* ***API Gateway*** *for real-time, event-driven workflows.*
* *Managed* ***AWS infrastructure****, including* ***S3****,* ***SNS****, and* ***SQS****, for cloud-native application deployments and scalability.*
* *Led the design and development of applications using* ***Angular 7****, focusing on optimal routing, state management, and modular component structure.*
* *Implemented* ***Angular CanActivate/CanDeactivate*** *guards for secure navigation, preventing accidental data loss and ensuring seamless user interaction.*
* *Designed and optimized* ***firmware algorithms*** *for embedded systems, ensuring high system performance and reliability.*
* *Developed* ***microservices architecture****, leveraging loose coupling and design patterns to build scalable and resilient applications.*
* *Coordinated the* ***deployment*** *of* ***PowerBuilder applications*** *with the* ***SCCM*** *team across QA and production environments.*
* *Developed* ***custom SaaS applications*** *for* ***Win-Supply****, focusing on improving* ***inventory management*** *and* ***order processing****, resulting in streamlined operations and reduced overhead costs.*
* *Involved in* ***Design*** *and* ***Development*** *of* ***Web Forms****,* ***ASP.NET****,* ***MVC****,* ***Razor (CSHTML)****,* ***Silverlight****,* ***Angular 7****, and* ***ORM Entity Framework*** *for rich web applications.*
* *Implemented* ***Angular Routing****,* ***Navigation****,* ***Components****, and* ***Services****, ensuring a seamless user experience in dynamic applications.*
* *Integrated* ***Single Sign-On (SSO)*** *and external logins using* ***OAuth*** *for secure, cross-application user authentication.*
* ***Developed and executed CSV protocols (IQ, OQ, PQ)*** *for validating enterprise applications in regulated industries.*
* *Managed and maintained* ***CI/CD pipelines*** *using* ***Azure DevOps****,* ***GitLab CI****, and* ***Jenkins****, automating build, test, and deployment processes for* ***.NET applications****.*
* *Developed* ***interactive and dynamic web applications*** *using* ***Blazor components****, enhancing real-time updates and responsiveness.*
* *Collaborated with* ***UX/UI designers*** *to create visually appealing* ***Blazor applications*** *using* ***Telerik*** *and other third-party libraries.*
* *Implemented* ***data-fetching*** *strategies in* ***React applications****, utilizing* ***Axios*** *and* ***React Query*** *for optimal performance.*
* *Used* ***React optimization techniques*** *(e.g.,* ***memo****,* ***useMemo****,* ***useCallback****) to improve UI responsiveness and reduce unnecessary re-renders.*
* *Designed cloud-based applications on* ***Windows Azure****, using* ***Azure Queues*** *for background processing and ensuring scalability.*
* *Leveraged expertise in* ***SWAP instruments*** *(Interest Rate Swaps, Equity Swaps, Total Return Swaps) for integration into trading and risk management platforms.*
* *Implemented* ***real-time communication*** *features in* ***Node.js*** *applications using* ***Socket.IO*** *for live chat, notifications, and real-time updates.*
* *Designed* ***microservices architectures*** *using* ***Node.js****, ensuring modularity, scalability, and deployment flexibility.*
* *Worked with* ***Ansible****,* ***ARM templates****,* ***Azure AKS****,* ***Azure App Service****,* ***Azure DevOps****,* ***Docker****,* ***Git****,* ***Kubernetes****,* ***PowerShell****,* ***Python****, and* ***Terraform*** *to manage cloud infrastructure and automate deployments, improving the overall deployment reliability and scalability of applications.*

***Environment:*** *.NET Core 3.1, .NET 4.7, ASP.NET, C#, Visual Studio, HTML 4/5, Angular 7, XML, MVC 5.0, ADO.NET, Entity Framework, WCF Service, Docker ORM, PowerBuilder 12.0, NuGet, Bootstrap 4.0, JavaScript, Node.js, VSTO, Windows Azure, jQuery, AWS, Azure, T-SQL, SQL Server 2008 & 2012, SSIS, SSRS, SQL Server 2017, React JS, Azure DevOps, Jira, Swagger, Postman, VSTO, CSS, Ajax, MS Visio, TFS, IIS, AWS Lambda, API Gateway, SNS, SQS, React Query, Axios, Socket.IO, OAuth, Blazor, Telerik, GitLab CI, Jenkins, Microservices, SWAP Instruments, PowerShell.*

***Client: DXC Technologies. Plano, TX***

***Role: Sr. .Net Full Stack Developer April 2016 to Mar 2017***

***Responsibilities:***

* *Implemented* ***health checks*** *and* ***readiness probes*** *in* ***.NET Core microservices*** *for automated monitoring and early detection of issues in production.*
* *Integrated* ***centralized logging*** *in* ***.NET Core microservices*** *using* ***ELK Stack*** *(Elasticsearch, Logstash, Kibana) and* ***Azure Monitor*** *for easier log aggregation and analysis.*
* *Practiced* ***Test-Driven Development (TDD)*** *in* ***.NET*** *projects, ensuring clarity of requirements and enhancing the reliability of the codebase.*
* *Developed and implemented* ***data processing pipelines*** *using* ***GCP services*** *like* ***Dataflow*** *and* ***BigQuery****, enabling real-time data analysis and reporting.*
* *Implemented* ***Angular Router*** *for seamless navigation between views and effective user interactions.*
* *Managed* ***encryption*** *for data stored in cloud environments (****AWS S3****,* ***Azure Blob Storage****) using mechanisms like* ***SSE*** *(Server-Side Encryption) and* ***KMS*** *(Key Management Service).*
* *Monitored* ***RabbitMQ*** *performance using tools like* ***Prometheus****,* ***Grafana****, and* ***RabbitMQ Management Plugin****, proactively identifying and resolving issues.*
* *Leveraged* ***Angular 9*** *for developing applications with* ***HttpClientModule*** *for REST calls, utilizing* ***lodash*** *and* ***jQuery*** *to process* ***JSON*** *and* ***XML****.*
* *Implemented* ***HTTP requests*** *using* ***RxJS******Observable library*** *to handle multiple values over time and enhance application responsiveness.*
* *Led the* ***development*** *of* ***stored procedures*** *in* ***SQL Server*** *to automate data rules and ensure efficient data handling and sanitization.*
* *Utilized* ***Microsoft Azure*** *to build, manage, and deploy web applications, including the creation of* ***Azure virtual machines*** *and services.*
* *Extensively used* ***jQuery*** *and* ***Ajax*** *to minimize server load and improve application performance by reducing unnecessary server requests.*
* *Collaborated in building* ***RESTful applications*** *using* ***Angular*** *and* ***NodeJS****, integrating* ***Web API*** *for seamless backend communication.*
* *Worked with* ***SSIS*** *for ETL tasks, ensuring efficient data extraction, transformation, and loading across multiple databases.*
* *Proficient in* ***JIRA*** *for bug tracking and project management, ensuring high productivity and communication within the team.*
* *Managed* ***version control*** *using* ***SVN****,* ***TFS****, and* ***Git****, ensuring smooth collaboration and code consistency.*
* *Designed and developed* ***rich web pages*** *using* ***MVC****,* ***C#****,* ***Entity Framework****,* ***JSON****,* ***HTML5****,* ***CSS3****, and* ***Angular 5****, delivering scalable and high-performance SaaS solutions for the healthcare industry.*
* *Ensured that* ***SaaS solutions*** *for* ***Humana*** *adhered to strict* ***healthcare regulations*** *such as* ***HIPAA****, implementing robust* ***security measures*** *and* ***data protection protocols*** *to safeguard sensitive patient information.*
* *Led* ***SDLC*** *processes, focusing on the* ***Agile Methodology*** *to model and document software systems efficiently and iteratively.*
* ***Containerized******.NET Core applications*** *using* ***Docker*** *and deployed them on* ***Kubernetes clusters*** *to improve* ***scalability****,* ***reliability****, and the management of* ***microservices****.*
* *Utilized advanced web technologies such as* ***HTML****,* ***XML****,* ***XAML****,* ***XHTML****,* ***AJAX****,* ***JSON****,* ***jQuery****,* ***JavaScript****,* ***React JS****,* ***Knockout****, and* ***CSS*** *for building dynamic, responsive web applications.*
* *Replaced legacy systems with* ***ASP.NET******single-page web applications (SPAs)*** *and relational databases using modern* ***ASP.NET MVC****,* ***Entity Framework****, and* ***Web API****, along with* ***Angular*** *and* ***AJAX*** *for client-side functionalities.*
* *Leveraged* ***PowerBuilder Foundation Classes (PFC)*** *to create reusable and modular components, reducing development time and improving maintainability.*
* *Expertise in* ***Angular*** *for building dynamic applications, creating* ***Components****,* ***Directives****,* ***Services****,* ***Pipes****,* ***Templates****, and managing* ***Routing****,* ***Data Binding****, and* ***Component Communication*** *using* ***@Input****,* ***@Output****,* ***EventEmitter****, and* ***ViewChild****.*
* *Applied* ***React Hooks*** *and* ***Context API*** *for advanced state management, ensuring smooth data flow across deeply nested components.*
* *Managed* ***client-server interactions*** *in* ***Blazor Server apps****, utilizing* ***SignalR*** *for real-time, two-way communication and efficient data handling.*
* *Optimized and managed* ***databases*** *in a* ***DevOps environment****, utilizing automated backup, replication, and failover strategies to ensure data resiliency and high availability.*
* *Optimized* ***data processing workflows*** *using* ***AWS Step Functions****,* ***Amazon SQS/SNS****, enabling asynchronous communication and orchestration across distributed services.*
* *Leveraged* ***Azure SQL Database*** *and* ***Cosmos DB*** *for relational and* ***NoSQL storage****, optimizing data performance, scalability, and reliability.*
* *Managed inter-service communication through* ***RESTful APIs*** *and* ***asynchronous messaging queues****, improving decoupling and performance of* ***.NET Core microservices****.*
* *Applied* ***data partitioning*** *and* ***sharding*** *strategies to optimize storage and data access patterns for high-throughput scenarios.*
* *Utilized Ansible, ARM, Azure AKS, Azure App Service, Azure DevOps, Docker, Git, Kubernetes, PowerShell, Python, and Terraform to streamline deployment processes, automate infrastructure management, and improve scalability across cloud environments.*

***Environment:*** *C#, ASP.NET, OOPS, Web User Control, WCF, WPF, Visual studio 2012/2015, SQL server 2012/2014, Oracle 12c, PL/SQL, CSS3, MVC, MVP, Reporting, Angular JS, Node JS, Kendo UI, .NET 4.5, ASP.NET, JavaScript, LINQ, HTML5, IIS 7.0, XSLT, React JS, SVN, TFS, Ansible, ARM, Azure AKS, Azure App Service, Azure DevOps, Docker, Git, Kubernetes, PowerShell, Python, Terraform*

***Client: Kell-ton Tech, Hyd, India***

***Role: .Net Developer June 2013 to Aug 2015***

***Responsibilities:***

* *Worked on optimizing the* ***ASP.Net web pages*** *using* ***C#*** *and* ***SQL Server*** *stored procedures to call the application from the database.*
* *Developed application using ASP.NET Core along with a* ***Service Oriented Architecture (SOA).***
* *Build and deployed ASP.NET Core application to* ***Azure Cloud Service.***
* *Converted* ***Data Transformation Services*** *application to* ***SQL Server Integrated Services (SSIS)*** *has been assigned.*
* *Written Queries using* ***T-SQL Statements****, Views, User Defined Functions, Stored Procedures, Triggers in SQL Server 2012 for inserting/Updating/Deleting the data into the relational tables.*
* *Integrated diverse sources of information using* ***Perl, SQL server, Excel and Access Databases.***
* *Created different types of reports such as drill down, drill through, parameterize and dashboard reports and schedule them according to business requirement using* ***SSRS****.*
* *Involved in the complete* ***Software Development Life Cycle (SDLC)*** *including Analysis, Design, Implementation, Testing and Maintenance.*
* *Experience in working with two-week sprints in an* ***Agile/Scrum environment****.*
* *Responsible for developing the reusable Components on UI(Views) by developing the Partial Views, View starts, and reusable components for implementing the business rules with* ***C# and OOPS Concepts****.*
* *Developed very responsive, elegant views for web pages using the Bootstrap CSS Frameworks.*
* *Implemented* ***CRUD functionality*** *with* ***Entity framework*** *in ASP.NET MVC and implemented* ***sorting, filtering and paging*** *with Entity framework Code First in MVC.*
* *Implement functionality such as* ***Searching, Filtering, Sorting, Categories, Validating*** *using* ***AngularJS framework****.*
* *Worked on* ***React JS Virtual Dom*** *and React views, rendering using components which contain additional components called custom HTML tags.*
* *A defined request-response message system, typically expressed in* ***JSON or XML****, which is exposed via the web, most commonly by means of an HTTP-based web server by a server-side ASP.NET web API.*
* *Used JSON to transmit data between Server and Web Application, an alternative to XML Serialization*
* *Developed REST APIs that allow sophisticated, effective and low-cost application integration and multi-tier web applications with the use of Web Services using ASP.Net Web API.*
* *Developed a comprehensive search API on top of* ***MongoDB query language****.*
* *Used* ***Microservice architecture****, based services interacting through a combination of REST and leveraging AWS to build, test and deploy Identity Microservices.*
* *Designed and developed* ***HL7*** *test messages for business users.*
* *Designed and developed the application to be responsive for web, mobile and tablets using* ***AngularJS*** *and Bootstrap (HTML5, CSS, and JavaScript) and jQuery Mobile.*
* *Implemented* ***N Unit*** *testing****, Integration*** *testing and* ***Regression*** *testing.*
* *Worked with Clients and end users for new functionalities as well as any application related enhancements.*
* *Involved in code reviews, standard performance and functional reviews.*
* *Experience working in UAT, SIT, Pilot and Production environment in different stages of the project*
* *Communication with customers for requirement gathering and analysis using* ***Agile and Iterative SDLC methodology****.*
* *Involved in implementation of the project using* ***C#, ASP.NET Web Forms, WCF, LINQ, HTML, jQuery, JavaScript, CSS and AJAX****.*
* *Developed application using ASP.NET, AJAX, jQuery,* ***User Controls, Custom Controls*** *and* ***Web Forms*** *with Visual Studio 2010, .NET 4.0with C# as code behind.*
* *Involved in creating and consuming* ***WCF services****.*
* *Used* ***HL7*** *standards for sharing data*
* *Extensively used* ***LINQ to SQL & Entity Framework*** *while designing Data Access Layer*
* *Followed the* ***N-Tier Pattern****, separating the business, presentation and data models.*
* *Using the Multithreading concept developed multiple and different tasks.*
* *Designed HIPAA EDI warehouse database and Business database to satisfy business objectives.*
* *Used WCF services by introducing new operations in Interface and implemented them in the service layer.*
* *Modified Web services using C# to interact with other applications and expose them using SOAP & HTTP.*
* *Developed rich* ***front-end UI*** *using* ***AJAX Controls, Silverlight, Expression Blend and XAML****.*
* *Extensive experience in WPF/Silverlight with all the programming and technologies integrated into C# Asp.Net 3.5 framework.*
* *Experience using React Router for client-side routing, creating seamless navigation across different pages within an application.*
* *Understanding of microservices architecture and its benefits, including independent service deployment, scalability, and resilience in .NET Core.*
* *Utilized* ***Ansible*** *for automating deployments, developed infrastructure as code with* ***ARM templates****, and managed cloud resources using* ***Terraform*** *and* ***PowerShell*** *scripts. Worked with* ***Azure DevOps*** *pipelines for CI/CD integration and containerized .NET applications with* ***Docker****.*
* *Deployed and managed* ***Azure AKS*** *for container orchestration, leveraged* ***Kubernetes*** *for microservices deployment and orchestration, ensuring efficient application scaling and management.*
* *Collaborated using* ***Git*** *for version control and developed optimized* ***Python*** *scripts for task automation and deployment processes across different environments.*

***Environment:***  *Visual Studio 2012, ASP.NET MVC 4.0, WCF, Entity Framework 6.0, LINQ, jQuery, HTML5, XML, CSS3, XML, NUNIT, SQL, Agile/SCRUM, Microsoft Visio, C#.net, ADO.Net, ASP.Net, C#, .Net Core, ASP.NET, OOPS, React, Web User Control, WCF, WPF, CSS3, MVC, MVP, Reporting, Angular JS, Node JS, Kendo UI, .NET 4.5, ASP.NET, JavaScript, LINQ, HTML5, IIS 7.0, XSLT, React JS, SVN, TFS, Microsoft Visual Studio.NET 2010, JavaScript, HTML, CSS, XML, IIS 5.0, Server 2008 R2/2008, Web Services, Web Forms, Microsoft Unit Testing, SDLC, AJAX, SQL Server.*

***Education:***

*Master’s: UNIVERSITY OF TEXAS AT ARLINGTON, Information Technology 2018*

*Bachelor’s: MALLA REDDY ENGINEERING COLLEGE, CSE 2013*