**Professional Summary:**

* Around 10 years of experience in full-cycle SDLC with expertise in Microsoft .NET technologies, cloud solutions, and diverse business domains.
* Extensive experience developing web applications with n-tier architecture using **.NET Core, ASP.NET MVC, Web API, Microservices, C#.NET, VB.NET, ADO.NET, Angular (14), JavaScript, jQuery, HTML, CSS, SQL Server, PostgreSQL, MySQL, Apache Ignite, and Azure**.
* Designed scalable microservices with .NET Core/.NET 6/7, following DDD and clean architecture principles.
* Developed asynchronous, event-driven microservices using Azure Service Bus, and Kafka, ensuring real-time communication and high availability.
* Developed and optimized database interactions using Entity Framework Core, Dapper, PostgreSQL, and SQL Server, ensuring efficient queries and transactions.
* Extensive experience in developing Single Page Applications (SPAs) using Angular (14) with a modular and component-based architecture.
* Strong expertise in TypeScript, RxJS (Reactive Extensions for JavaScript), and Observables for managing asynchronous data streams.
* Implemented Angular Reactive Forms and Template-Driven Forms with complex validation logic using Form Builder and Form Control.
* Integrated RESTful APIs and GraphQL with Angular using HttpClientModule, including interceptors for authentication, logging, and error handling.
* Created efficient User Interfaces using Angular 14, HTML5, CSS3, JavaScript, AJAX, JSON and that meets accessibility and web browser standards for websites.
* Designed and implemented distributed caching strategies using Redis, Apache Ignite Cache, and Memory Cache, reducing database load and improving response times. Built server-side caching mechanisms using Apache Ignite to optimized performance.
* Hands-on experience in developing security login systems and maintaining roles-based authentication and authorizations using JWT token-based identity servers and Key Based Authentication in .Net Core applications.
* Experience in developing repository pattern-based architectures for business logic and data access layers. Extensive experience in handling middleware, dependency injection (DI), and service lifetimes in .NET Core applications.
* Designed and optimized relational database schemas in SQL Server, ensuring data integrity, normalization, and high performance for enterprise applications.
* Developed complex stored procedures, functions, triggers, and views to implement business logic and improve query execution efficiency.
* Utilized Query Execution Plans, Performance Monitoring, and SQL Profiler to analyse and optimize long-running queries, reducing execution time by up to 40%.
* Implemented responsive and dynamic UI/UX designs using Bootstrap, Material-UI, Tailwind CSS, and Styled Components.
* Extensive experience in setting up and managing CI/CD pipelines using Azure DevOps, YAML pipelines, and GitHub Actions for automated builds and deployments.
* Managed and maintained Azure Boards for Agile project management, sprint planning, and backlog tracking.
* Implemented secure secret management using Azure Key Vault and integrated it with DevOps pipelines. Configured and monitored Azure Application Insights and Log Analytics for tracking application performance and debugging production issues.
* Implemented Azure API Management (APIM) for managing and securing backend APIs with policies like JWT validation, OAuth2, Managed Identities, Key Based Authentication and CORS handling.
* Implemented serverless solutions using Azure Functions with Timer Triggers, Blob Triggers, and Service Bus Triggers, Named Values.
* Worked with Azure Storage solutions (Blob Storage, File Shares) for storing and retrieving structured/unstructured data.

**Education:**

* Bachelor of Technology from Jawaharlal Nehru Technological University, Ananthapur

**Professional Experience:**

**Client: GLOBAL GLORY SOLUTIONS APR 2024 - TILL DATE**

**Role: Senior .Net Fullstack Developer and Tech Lead**

**Project Name: GGS - Call Center**

GGS offers innovative products in recognition, identification, and mechatronics, including cash handling and vending systems. They provide call management and help desk services for professional and reliable support to the customers. This GGS Customer Web App simplifies the case creation process and improves work order management by addressing delays and data sync issues between OFSC and JDE systems. With a user-friendly interface and real-time integration, the app enhances service resolution speed and ensures accurate, consistent data across platforms.

**Environment**: ASP.Net Core Web API, C#, XUnit, Entity Framework, Angular (14), TypeScript, HTML, CSS, Material UI, SQL Server, SMTP Email Services, Azure Service Bus for queue processes, JWT Token Authentication and Authorizations, GITHub, AD Board.

**Responsibilities:**

* **Implemented APIs for .NET Core microservices with clean architecture** using .NET Core, MySQL, SMTP services for notifications, ServiceBus for queuing, and JWT-based authentication.
* Followed Agile software development lifecycle methodology.
* Collected functional requirements and developed the site using Microsoft technologies.
* Created efficient UIs with Angular (14), HTML5, CSS3, JavaScript, AJAX, JSON, meeting accessibility and web browser standards.
* Used TypeScript, HTML5, CSS3, and SCSS to build elegant UIs with Angular features for smooth transitions and responsiveness.
* **Developed SPAs using Angular with component-based architecture**, creating reusable components, directives, and pipes for code optimization.
* Utilized Angular Router for single-page app navigation and implemented two-way data binding to keep models and views in sync.
* Developed unit and integration tests using JUnit and Mockito to ensure code quality and reliability.
* **Improved performance** with lazy loading, AOT compilation, and OnPush change detection, boosting page load speed with code splitting and asynchronous module loading.
* Implemented JWT token authentication, Key Based for secure communication between API services and the Angular UI.
* Worked on Azure functions, APIM, Key Vaults, Managed Identities as part of this development.
* Managed Azure Boards for Agile project management, including sprint planning, backlog tracking, and work item management.
* Implemented Azure API Management (APIM) for backend API security and governance, incorporating policies like JWT validation, OAuth2, Managed Identities, and CORS handling.
* Developed serverless solutions leveraging Azure Functions with Timer Triggers, Blob Triggers, and Service Bus Triggers, optimizing background processes and event-driven workflows.
* **Optimized SQL database schema** for fast queries on high-volume data like sales and customer feedback.
* Automated unit and microservice integration tests using XUnit, improving code coverage to 95% and reducing critical bugs by 30%.
* Monitored application performance and diagnosed issues using Azure Application Insights.
* Designed and developed **cloud-native applications** using **Azure Functions, Logic Apps, and Service Bus**, ensuring scalable and serverless execution.
* Designed and implemented CI/CD pipelines using Azure DevOps, YAML pipelines, and GitHub Actions, ensuring automated builds and deployments for seamless delivery.

**Client: Brierley, Irving Texas FEB 2022- APR 2024**

**Role: Senior .Net Back End Developer**

**Project Name: Brierley Kona (Loyalty Marketing Solutions)**

Loyalty OnDemand delivers everything you need to execute your loyalty strategy and measure its success. For over fifteen years we’ve perfected our platform and designed it to be highly configurable, making it unique and robust for every client. It’s capabilities and extensibility are far reaching, always outperforming any competitor. It’s the Platform you can’t outgrow—always delivering seamless growth and proven loyalty results.

**Environment**: Visual Studio 2019/2022, C#, ASP.NET Web API, Entity Framework, X Unit, Kafka, Dotnet Core, PostgreSQL, Apache Cache, JWT Token Authentication and Authorizations, SQL Database, Managed Identities, GIT, Jira, New Relic.

**Responsibilities:**

* Developed Asp.Net Core Web API using Microservices architecture with EFCore code firs approach, ensuring efficient communication between services and seamless module integration using HttpClientFactory, Context Accessors.
* Led a cross-functional team of 9 developers in building a high-performance Loyalty Management Platform using .NET Core and Azure cloud services.Effectively involved in discussions related to loyalty admin product and to applying new features to the system. Involved vastly in development of promotion and rewards-based loyalty admin system.
* Implemented RESTful web services for data exchange in a standardized JSON format, ensuring compatibility and reliability in client interactions.
* Used Compiled Queries, Multiple Contexts, Explicit Loading, and Save Changes to context after all database operations to improve the performance in Entity F/W. Worked on LINQ and Lambda extensively.
* To improve performance and reliability created server-side caching system using Apache ignite database. Saving all required data to cache and read them
* **Implemented Test-Driven Development (TDD)** to enhance code quality and maintainability, ensuring robust software solutions.
* Enhanced security by implementing JWT-based authentication and OAuth2 authorization mechanisms for communication between UI and Backend.
* Implemented automated testing and code quality measures, including unit and integration tests for React components using Jest and React Testing Library, backend tests using XUnit for .NET Core Web APIs, and SonarQube for static code analysis, ensuring high maintainability, security, and performance standards.
* Created SQL scripts, store procedures and consoles application to update existing tables data of production servers and maintaining the updated records data, failed records data.
* Integrated email and messaging systems using SMTP (Gmail, Outlook) and Twilio, with Kafka for asynchronous email queuing.
* Design and developed communication module and worked on Kafka for email communication queuing.
* Developed and optimized Kafka producers and consumers using .NET and Python to ensure reliable message processing.
* Integrated Kafka with .NET Core Microservices, ensuring efficient inter-service communication in distributed systems.
* Configured Kafka Topics, Partitions, and Replication Factors to enhance performance, fault tolerance, and scalability.
* Integrated TDD and SonarQube into CI/CD pipelines for automated testing and early defect detection, increasing test coverage and reducing production bugs.
* Monitored application performance and diagnosed issues using New Relic.

**Client: Legato Health Technologies DEC 2019 – FEB 2022**

**Role: Senior .Net Full stack Developer**

**Project Name: Insync Tool and APDO – Anthem Provider Data Operations Tool – MVC Application**

These Tools is used to automate and manage HR processes effectively. It helps HR departments streamline operations like employee management, attendance, recruitment, and performance tracking.

**Environment**: Visual Studio 2019, ASP.Net MVC, C#, ADO.NET, HTML, jQuery, JavaScript, SQL Server, GIT, Jira, AJAX.

**Responsibilities:**

* Designed and developed web pages using ASP.NET MVC, C#.NET, HTML, JavaScript, AJAX, jQuery, CSS, and server controls.
* Used Agile methodologies for iterative project development.
* Edited, validated, and reported patient claims data using SQL scripts.
* Retrieved data using ADO.NET with ASP.NET MVC, handled large-scale HTML pages, and generated assessments based on database data.
* Used Partial Pages, Layouts, and Razor Engine to maintain consistent design.
* Good Understanding about the HR Related Business
* Interacted directly with the HRs to get the requirements
* Integrated third-party APIs, implemented client and server-side validations, and developed UIs with ASP.NET MVC.

**Client: Molina USA Health Care DEC 2019 – DEC 2020**

**Role: Senior .Net Full stack Developer**

**Project Name: Clinical Care Advance Data Archival**

Direction from IT management and enterprise architects to define Data archival strategy for all tier 1 applications to align with industry best practice and standards for managing transactional systems. Data Archival strategy is being defined without compromising compliance and legal commitments to meet CMS and Medicaid reporting, auditing, and data retention requirements. Transactional systems expected to retain 2-3 years of data critical for operations Archive and retain historical data outside of transaction system database business users to gain UI access to archived data EIM to remediate compliance reports to come from both Transactional and archived data store.

**Environment**: Visual Studio 2019, ASP.Net MVC, C#, ADO.NET, ASP.NET Web API, Entity Framework, HTML, jQuery, JavaScript, SQL Server, GIT, Jira, AJAX.

**Responsibilities:**

* Designed and developed web pages using ASP.NET MVC, C#.NET, HTML, JavaScript, AJAX, jQuery, CSS, and server controls.
* Used Agile methodologies for iterative project development.
* Edited, validated, and reported patient claims data using SQL scripts.
* Developed web forms in ASP.NET with C# and created stored procedures in MS SQL Server 2008, using ADO.NET for web services and n-tier web applications.
* Developed and maintained scalable, secure, and HIPAA-compliant healthcare applications using ASP.NET Core Web API, EF Core and SQL Server.
* Retrieved data using ADO.NET with ASP.NET MVC, handled large-scale HTML pages, and generated assessments based on database data.
* Used Partial Pages, Layouts, and Razor Engine to maintain consistent design.
* Integrated third-party APIs, implemented client and server-side validations, and developed UIs with ASP.NET MVC.

**Client: MOLINA USA HealthCare DEC 2018 - DEC 2019**

**Role: Senior .Net Back End Developer**

**Project Name: Clinical Care Advance Upgrade Project from 5.01 to 5.6(CCA)**

Managing utilization, disease and case management processes separately is inefficient and expensive. Clinical CareAdvance, part of the CareAdvance Enterprise suite, consolidates these processes onto a single automated platform. This, in turn, streamlines member interactions with care managers, providers and family members and enhances productivity through streamlined workflows and processes.

**Environment**: Visual Studio 2014, .Net Framework, Web Apis, ADO.NET, C#, SQL server, GIT, Jira.

**Responsibilities:**

* Designed RESTful APIs using ASP.NET Web API for secure access, throttling, and version control.
* Applied Dependency Injection (DI) and Inversion of Control (IoC) to improve modularity and testability.
* Designed and optimized SQL Server implementing stored procedures, indexing strategies, and partitioning for improved query performance.
* Secured the application with LDAP Authentication.
* Collaborated with QA and stakeholders to establish a robust testing strategy and enforce best practices.
* Implemented performance optimizations, reducing API response times and enhancing throughput with memory caching.

**Client: MOLINA USA HealthCare NOV 2016- DEC 2018**

**Role: .Net Developer**

Project Name: **HealthCare Insurance**

**Environment**: Visual Studio 2014, SQL Server, 837I, 837P, 837D, Biztalk, C#, Medicare, Medicaid, HIPPA, TFS, ASP.NET, Web Services, QNXT.

**Responsibilities:**

* **Visual Studio 2014**: Develop, debug, and maintain applications using .NET technologies.
* **SQL Server**: Design, optimize, and manage databases; write complex queries and stored procedures.
* **837 I, 837P, 837D (Healthcare EDI Transactions)**: Process healthcare claims, ensure compliance with HIPAA regulations, and troubleshoot EDI transactions.
* **BizTalk**: Develop and maintain integration solutions, manage message routing, and ensure seamless data exchange.
* **C#**: Write efficient, scalable, and maintainable code for applications and services.
* **Medicare & Medicaid**: Analyze healthcare claims, ensure compliance with government regulations, and support reimbursement processes.
* **HIPAA**: Maintain data security, ensure compliance with privacy laws, and implement secure healthcare IT solutions.
* **TFS (Team Foundation Server)**: Manage version control, automate builds, and support collaborative development.
* **ASP.NET**: Develop web applications, implement authentication and authorization, and optimize performance.
* **Web Services**: Design and implement APIs, ensure interoperability, and secure data exchange.
* **QNXT**: Worked extensively with **QNXT** health care product to help in processing the health care claims.
* Used ServiceNow Extensively for Change requests and Deployment requests
* Interacted with Clients to gather the requirements and get it validated once the implementation is done

**Client: CM-CIC NOV 2015- OCT 2016**

**Role: .Net Fullstack Developer**

Project Name: CM–CIC

**Environment**: ASP.Net MVC, C#, ADO.NET, SQL Server, TFS, HTML, JavaScript, jQuery, CSS, Razor Pages.

**Responsibilities**

* Implemented business, persistence, database, and web services layers.
* Designed and developed ASP.NET MVC applications using Repository Pattern.
* Created and optimized SQL stored procedures, tables, and triggers.
* Developed RESTful Web APIs for seamless data integration.
* Designed and optimized triggers, indexes, views, and functions.
* Implemented AJAX-based asynchronous calls to improve responsiveness.
* Utilized jQuery for dynamic UI interactions and form validation.
* Developed dynamic HTML content using JavaScript and jQuery.
* Integrated AJAX with Web API for efficient data retrieval.
* Created reusable jQuery components and plugins.
* Developed responsive UI using HTML5, CSS3, and JavaScript.
* Managed data migration from staging to production.
* Upgraded legacy ASP.NET modules to modern MVC architecture.
* Internship Experience: Gained hands-on exposure to .NET development, best practices, and real-world project implementation.