Senior .**Net Full Stack Developer**

**Kanva Gopavaram**

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**Professional Summary**

* Having around 9+ years of professional experience in all stages of SDLC (Software Development Life Cycle) involving studying user requirements, analyzing, designing, coding, implementation, debugging, testing, deployment, and documentation across diverse industries and work environments.
* Expertise in using both Agile (Scrum) and Waterfall - Software Development Life Cycle (SDLC) methodologies in practical software development.
* Extensive knowledge of Software Design Patterns, Object-Oriented Programming, Repository Patterns, and Onion Architecture.
* Experience in supporting client-side functionality with many rich UI features, user-friendly design approaches, Responsive Web Pages with performance functionalities in the web applications, and Single Page Applications (SPA) using jQuery, JSON, Angular 8+, Angular Material, Angular CLI, Angular 10+, HTML5, AJAX, CSS3, and Bootstrap 4+.
* Sound knowledge of Angular Route Guards, Observables, Angular CLI, and RxJs Library.
* Hands-on experience in Angular features such as Directives, Pipes, Components, Modules, Services, Routing, and Dependency Injection.
* Strong knowledge in using Object object-oriented programming (OOP) principles like Abstraction, Inheritance, Encapsulation, Polymorphism, and Design patterns like Singleton, and Repository.
* Hands-on experience in server-side technology like .NET Core for developing RESTful-based web APIs.
* Hands-on experience in developing applications using ASP.Net Core, ASP.Net Web API Core, ASP.Net Web API, ASP.NET MVC5, WEB API, C# .NET, and Design patterns.
* Proficient experience with the ASP. NET MVC5 features such as Razor View Engine, Layout View, Partial View, HTML Helpers, and Filters.
* Hands-on experience with LINQ, Entity Framework Core, and Entity Framework.
* Experience in application deployment to IIS (Internet Information Service) using MS Azure cloud service.
* Hands-on experience with Source Control and Version Control tools, including Git, Microsoft Azure DevOps, and Jira.
* Identified and addressed challenges related to "LEO WORCS 2.0" integration, troubleshooting issues, optimizing performance, and ensuring system stability.
* Managing the Openshift cluster including scaling up and down the app nodes.
* Proficient in implementing CRUD operations through HTTP Methods in Web API.
* In-depth knowledge of database concepts and designs such as Normalization, Temp Tables, Views, Stored Procedures, and User-Defined Functions in SQL Server and MySQL.
* Adept at formulating Sub Queries, Indexes, Joins, and Triggers.
* Experience with Postman, and Swagger for testing and debugging Web API.
* Experience in conducting the unit test in Angular using Jasmine, and Karma.
* Worked on the Deployment, Configuration, and monitoring of the OpenShift container platform.
* Experience in working with xUnit, and NUnit for Unit Testing in Web API.
* Experience in building with Scriban for Web Pages.
* Excellent problem-solving skills with an ability to identify problems and implement corrective solutions.

**Technical Skills**

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| **Languages** | C#.Net, T-SQL, PL/SQL |
| **Microsoft Technologies** | .Net Core 3.5/2.2/2.1, .Net Framework 4.5/4.0/3.5/2.0, ASP.Net MVC 5.0/4.5, ADO.Net, LINQ, Web Forms, Windows Forms, WCF, WPF, Web API, Windows Server2008/2012, Entity Framework. |
| **WebTechnologies/client Scripting:**  | Angular (13/10/9/6/4) AngularJS (1. x), WEB API, HTML 5, DHTML, XML, CSS, React JS, Typescript, Bootstrap and JavaScript, Oracle Fusion. |
| **Cloud Technologies:** | Microsoft Azure, Amazon Web Service (AWS). |
| **Databases:** | PostgreSQL, SQL Server 2014/2012/08 R2 (PL/SQL, SP, Functions, Triggers, Views). |
| **Development Tools:** | Visual Studio.NET 2019/15/13/12/10, TFS, Remedy, N Unit, Service Now. |
| **Reporting and Testing:** | MS SQL Reporting Services, Dynamic Report, SSRS, SSIS. |
| **Versioning:** | Team Foundation Server (TFS), GIT, SVN, Visual Source Safe (VFS). |
| **Testing Tools:** | Unit testing, ETL Testing, Junit, IE debugger, Chrome, Soap UI, Postman, Ready API. |

**Professional Experience**

**Fifth Third Bank - Cincinnati, Ohio May 2023 - Present**

**Senior** .**Net Full Stack Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle (SDLC) phases including Analysis, Design, Implementation, Testing, and Maintenance.
* Developed front-end with Vue and back-end using ASP.NET Web API.
* Used ASP.Net Core for building cross-platform web applications.
* Implemented authentications with ASP .NET Core 1.0,2.0,2.2 and created razor views and developed MVC ASP .NET Core applications.
* Implemented different validation controls on the webpages using Angular14 and used AJAX to get the data from the server asynchronously by using JSON/XML objects.
* Proficient in using Xamarin to develop native mobile applications for Android, iOS, and Windows platforms from a single codebase.
* Worked on dependency injection and Middleware present in the .NET Core framework.
* Designed and coded an end-to-end web application using Restful Web API Service in .NET Core and Angular UI.
* Developed an intuitive and interactive User Interface by using HTML5, CSS3, Typescript, Ajax, and Bootstrap 4+.
* Successfully integrated and leveraged "LEO WORCS 2.0" within .NET development projects, enhancing functionality and efficiency.
* Skilled in leveraging Xamarin.Forms to create shared UI components, ensuring a consistent user experience across different platforms.
* Designed, developed, and customized modules or features within "LEO WORCS 2.0" to meet project-specific requirements, ensuring seamless integration with existing systems.
* Used RESTful and Web API as transaction and communication technology on the client side by designing and developing Entity Framework 2.2+ Code First Approach with repository pattern-based backend.
* Built Angular Template and implemented various features using Angular Material.
* Created application with Vue using TypeScript to create Directives, Components, Services, Pipes, Observables, form validation, and Router for multiple components utilizing Router Guards, and Navigation.
* Work with applications for Azure suitability and propose the right target state on Azure considering cost, performance, and security.
* Experienced in integrating third-party libraries and APIs seamlessly into Xamarin projects to extend functionality and streamline development processes.
* Developed programming scenarios in C#, and Object-Oriented Programming (OOP) concepts.
* Created Restful ASP.NET Web API service including GET, POST, DELETE, and PUT methods with both convention-based routing and attribute routing so that users can interact with the server and get the result from the server.
* Implemented role-based authentication mechanism in Azure which uses Microsoft Azure active directory and DSTS(Datacenter Security Token Service).
* Used Entity Framework Data first approach and LINQ to the entity for data access. TSQL to construct simple queries and stored procedures.
* killed in utilizing .NET MAUI's enhanced UI flexibility to create highly customizable and adaptive user interfaces, catering to diverse platform requirements and design standards.
* Utilized "LEO WORCS 2.0" to interact with databases, manage data, and perform database-related operations within .NET applications.
* Capable of harnessing .NET MAUI's improved performance and efficiency features to deliver faster and more responsive cross-platform applications, enhancing user satisfaction and engagement.
* Implemented workflow automation using "LEO WORCS 2.0" to streamline business processes, improve efficiency, and reduce manual intervention.
* Actively engaged in the .NET MAUI community, contributing to discussions, sharing knowledge, and seeking support to enhance proficiency and stay updated with the latest developments.
* Ensured application was easily testable and maintainable by utilizing Onion Architecture, and Repository Pattern.
* Worked on developing reports using SSRS, TSQL, and SQL Server database. I supported and maintained an extranet for confidentiality in C# using TSQL to consume stored procedures.
* Worked on container-based deployments using Docker and clustering them within OpenShift.
* Used Fork to Pull Request to Azure Cloud.
* Extensively used Postman, and Swagger to test endpoints in Web API.
* Created, and updated the swagger files to configure the definition objects or the parameters of service endpoints.
* Wrote Unit Test Cases, and Code Coverage using NUnit.

**Environment**: .*Net Framework, Net Core, ASP. NET MVC5, IIS, C#. Net, Visual Studio, Web API 2.0, SQL Server, WCF, Entity Framework, LINQ, Git, AJAX,* *Oracle Fusion*, *Angular 2,4,6,7, CSS, Entity Framework, Typescript, JavaScript, Bootstrap, jQuery, ADO. NET, Agile Methodology.*

**The Hartford,** [**Hartford, Connecticut**](https://en.wikipedia.org/wiki/Hartford%2C_Connecticut) **Aug 2021 – May 2023**

**Senior Dot Net Full Stack Developer**

**Responsibilities:**

* Spearheaded the development of robust and scalable applications using C# and SQL.
* Developed User controls using ASP.NET, VB.NET, and C# and used them dynamically in the web pages using Master pages and CSS.
* Created a web application using blazor technology with .Net core framework 5.0.
* Directed creating and enhancing IOS and Android applications, showcasing expertise in mobile technologies and contributing to the seamless integration of Xamarin and possibly Maui for cross-platform development.
* Implemented JWT token-based authentication to secure the ASP.NET Core Web API and provide authorization to different users.
* Used radzen components to build UI forms with latest blazor technologies.
* Setup development environment using latest blazor .net with Asp.Netcore 3.0.
* Experience in integrating push notifications and background services in Xamarin applications.
* Knowledge of Xamarin kouForms Layouts and Views for creating responsive and adaptive user interfaces.
* Capable of optimizing Xamarin applications for battery efficiency and minimizing resource usage.
* Developed the front-end of the web application using Angular, HTML5, CSS3, AJAX, Bootstrap3/2, and jQuery.
* Played a pivotal role in designing and implementing Angular-based front-end solutions, ensuring modern and responsive user interfaces for web applications.
* Actively contributed to open-source Xamarin projects or participated in Xamarin community events and forums.
* Cleared the way for creating and deploying Azure cloud-native applications by utilizing a thorough grasp of cloud architecture concepts to promote creativity and effectiveness. made it possible for Azure's serverless computing models to be widely used. These models minimized resource consumption and decreased overhead to create a more scalable and affordable architecture. implemented robust security mechanisms in SQL environments to proactively address potential vulnerabilities and guarantee adherence to corporate security policy and industry standards.
* Designed and put into place highly reliable and scalable systems on Azure, making use of best practices to guarantee fault tolerance, maximum performance, and high availability.
* Actively contributed to open-source Xamarin projects or participated in Xamarin community events and forums.
* Involved in complete application stack in AWS like EC2, S3 Bucket.
* Skilled in creating custom controls and renderers in .NET MAUI for platform-specific UI customization.
* Manage various AWS environments to provision linuz servers and services implemented by the providers.
* Developed various services in angular that consume the rest of services from the backend written in. NET.
* Collaborated effectively in an Agile environment, participating in sprint planning, daily stand-ups, and sprint reviews to deliver iterative and client-focused solutions.
* Experience with container-based deployments using Docker, working with Docker images, Docker
* Hub and Docker registries and Kubernetes.
* Designed and built AWS fail-overs, fault tolerance website with auto-scvaling and load testing with multiple EC2 instances.
* Expertise in managing SQL databases, with an emphasis on query optimization, performance tuning, and guaranteeing the availability and integrity of vital databases.
* Performance bottlenecks in Power BI dashboards and reports were found and fixed, speeding up data loading and improving user experience overall.
* Familiarity with the Hot Reload feature in .NET MAUI for real-time code updates during development.
* Knowledge of state management techniques in .NET MAUI applications using services like Redux or Flux.
* Demonstrated a strong problem-solving mindset, consistently providing innovative solutions to complex challenges in the development process, contributing to project success.
* Successfully contributed to projects in a permanent remote work setup, showcasing adaptability, effective communication, and high productivity in a virtual team environment.

**Environment:** *C#.NET, ASP.NET MVC 5.0, .Net Core, Visual Studio 2015, jQuery, LINQ, AJAX, JSON, WCF, Azure, Angular 13, JavaScript, Bootstrap, Oracle Fusion ,TypeScript, HTML5, GIT, Web Forms, Blazor, React JS, Microsoft Azure, SQL Server2014, T-SQL, SSRS, SSIS, C# version 7, Vb.net, SOAP, RESTFUL, API’s.*

**State of WA, United States Sep 2018 – Apr 2021**

**Senior .Net Full Stack Developer**

**Responsibilities:**

* Applied ASP.NET MVC architectural pattern in developing the web application.
* Implemented Angular JS Controller functions, service using Controller methods to set up the initial state of the object.
* Implemented Angular JS Services to bind the data and provide access to the data on the server.
* Used Angular JS as the development framework and did CRUD operations with the http service.
* Designed a Web application using Web API with Angular JS and populated data using ADO.NET entity framework and Used Entity Framework to model and manage data from MY SQL Server.
* Used the .NET Framework class library programmed in C#.NET throughout the application for developing web applications.
* TFS was used for source control.
* For better design user experience used Bootstrap for Modal pop-ups, Alerts, etc.
* Implemented Client-side validations using Angular JS Custom Form Validation and server-side validations using Data Annotation.
* Wrote unit tests using Visual Studio 2013.
* Created Tables, Stored Procedures, User Defined Functions, Views, and Triggers for different data operations on the database using an SQL server.
* Adapted Agile Mythology named Scrum for all the work performance.
* Used Team Foundation Server (TFS) for version control, source control, and for better communication between the team members. Involved in Regression analysis on a quarterly base.
* Created Angular JS Routing to connect different controllers to the view which allows the single-page application.
* Migrated DMAN application from ASPX web form application to a responsive single-page web application using Kendo UI, ASP.NET MVC, Angular JS, REST, HTML5, JavaScript, jQuery, and CSS3.
* Maintenance of existing DMAN application.
* Designed a TFS Web Utility Application to keep track of the percentage of work done.
* Used Angular JS filters for search, sorting, pagination, and custom filters.
* Perform enhancements for Web using C# ASP.Net using Visual Studio 2013 and SQL Server 2005/2008/2012.
* Worked in MVC architecture to create web applications using AJAX Extensions.
* Implemented MVC 4.5 Framework for ASP.Net application development
* Integrated JIRA with other development tools and systems, such as version control repositories and continuous integration/continuous deployment (CI/CD) pipelines, to streamline the development lifecycle.

**Environment***: Visual Studio 2019, Sql2018, TFS, Git, Bootstrap, HTML 5.0, CSS, ASP. Net MVC, unit testing, Web API, TDD, Jenkins, Azure DevOps, .NET Core, React JS.*

**UnitedHealth Group - Atlanta, Georgia June 2016 – Aug 2018**

**Full Stack Dot Net Developer**

**Responsibilities:**

* Development of Web Services (Rest API) the C# MVC.
* Manages the existing system of the C# MVC Asp.net application.
* Used SSRS to create reports, customized Reports, on-demand reports, and ad-hoc reports and was involved in analyzing multi-dimensional reports in SSRS.
* Designed and implemented responsive and user-friendly web interfaces using React to enhance the overall user experience.
* Performed Unit testing, Integration testing, and Regression testing by applying test cases.
* Developed Web applications using C#, and ASP.Net.
* Used in-built ASP.Net Login controls to authenticate users.
* Used Cookies to hold the Site variables.
* React app development, Advanced Ionic Capacitor experience, Ionic framework environment scaffolding.
* Ionic framework upgrades and migrations between versions.
* Used hibernate, WPF, and WCF to communicate between DAL and other business components.
* Used Fiddler to analyze requests and responses of JSON data from the controllers to Web API's.
* Developed Entity Framework 6.0/4.3 and made LINQ queries to connect to the database and implemented CRUD functionality with Entity Framework Code First and Database First approaches with ASP.NET MVC 5.0/4.0.
* Work with Product Management on product feature requirements definition and refinement. I used TFS for Agile Planning and Collaboration.
* Troubleshoot the failed cosmos job and fix the issues on time.
* Implemented integration flows using Mule AnyPoint Studio to connect to REST, SOAP service, Oracle Database, and ActiveMQ broker.
* Integrated React components seamlessly into the .NET application architecture, ensuring efficient data flow and state management.
* Implemented state management solutions, such as Redux or Context API, to efficiently manage application data and ensure smooth user interactions.
* Experience in integrating Cloud applications like SFDC, Workday & Intact usingMuleSoft ESB.6
* Used ASP.NET MVC4 Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
* Did pilot migration of Dev/Test workloads via lift & shift to Azure using Azure Site Recovery
* Used MVVM pattern while building WPF application.
* Prototyping Solutions with Ionic, Ionic
* Developed Stored procedures, and views for data manipulation, ensuring set-up relations include indexing, constraints, and foreign keys in MY SQL server.
* Developing SSIS packages for integration with downstream/upstream applications and generating reports that could be sent to other Systems.
* Architected and developed multiple-company websites using ASP.NET, C# .Net 4.0 framework, and .net Web Services.
* To retrieve the data in the form of objects and properties, such as customers and customer addresses, without concerning them with the underlying database where this data is stored using ENTITY FRAMEWORK.
* Integrated RESTful or GraphQL APIs into React components to fetch and display dynamic data, maintaining data consistency and reliability.
* Implemented error-handling mechanisms and provided graceful fallbacks to ensure a robust user experience, even in the face of unexpected issues.
* Implemented the WCF Data Contracts versioning by using Known types and IExtensible Data Object, Ordering and enforcing required data when contracts consumed by clients.
* Developed microservice onboarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Experience in Deployment Automation & Containerization (Docker, Kubernetes).
* Installed and Configured OKTA LDAP Agent for delegated authentication with Okta. Migrated Users from LDAP and Active Directory to OKTA Universal Directory and provided L2 support for LDAP.
* Experience in Mavenizing MuleSoft projects and creating builds using Maven build tools for deployment to CloudHub / Mule MMC.
* Experience working with Agile Methodologies and SCRUM.
* Designed and implemented complex algorithms and data structures in C++ to solve specific computational challenges within .NET applications.

**Environment**: *HTML5, CSS3, Bootstrap 4, jQuery, JavaScript, AJAX, C#, ASP.NET MVC 5, Razor Engine View, Entity Framework, LINQ, Web API, SQL, SQL Server, Git, NUnit, TDD, Jira.*

**Digital Ignite, Hyd, India March 2014 – April 2016**

**.Net Developer**

**Responsibilities:**

* Implemented Data Access Layer using ADO.NET to connect and retrieve or manipulate database information.
* Data grid, Datasets were used extensively to display various MY SQL Server elements and allowed real-time updates.
* Gained experience in REST architectural style and worked on CRUD actions. (Get, Post, Put and Delete).
* Created Restful services using ASP.NET Web API for exposing these to mobile devices Involved in requirement gathering, analysis, and documentation of assigned modules.
* Displayed data in tabular form based on the criteria selected using Data Grid controls and dynamically loaded data in controls using the server events.
* Facilitating daily scrum meetings, enforcing timeboxes and responding to impediments, tracking baseline, sprint planning, and sprint retrospective.
* Resolved update, merge, and password authentication issues in Bamboo and Atlassian suites and kept track of all releases and requests of the developers through the infrastructure management tool.
* Created T-SQL Stored Procedures, Functions, Triggers, and views in SQL Server to interact with the database.
* Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in SQL Server using T-SQL.
* The Presentation Layer is implemented in ASP.NET with HTML, Cascading Style Sheets (CSS), and Web Controls. The Web Forms are developed utilizing C#.
* Used AJAX for Partial Page Updating, Invisible Data Retrieval, Constant Updating, Smooth Interfaces, Simplicity and Rich Functionality.
* Implemented features of ASP.NET AJAX such as Calendar Controls, Repeater Control, and Validation controls, Dataset, Security using forms authentication.
* Generated Monthly and quarterly Reports as bar charts for the management using different techniques like data filtering, adding, and interactivity using SSRS.
* Worked on Team Foundation Server (TFS), creating and managing projects and accessing the items.

**Environment**: *Visual Studio 2019, .Net Core 3.5, Node.js, PostgreSQL, WCF, jQuery, Angular10, TFS 2010, GitHub, IIS 7.0, JavaScript, SSRS, SSIS, Typescript, Html, CSS, XML, Microsoft Enterprise Library, AWS, Db Beaver, EC2 Instances, Loud Balancer, Docker Image, Postman, RDB, Linux and Jira.*

**Education:**

**Bachelor’s degree in computer science and engineering. Aug 2009 – May 2013**

**Hindustan Institute of Technology and Science, Chennai.**

* I completed coursework in programming languages such as Java, C++, C#, and Python.
* Algorithms and data structures were integral components of my curriculum, enhancing my problem-solving skills.
* Collaborating with classmates, I designed and implemented software solutions, honing my teamwork and communication skills.
* I participated in team projects, developing applications and systems that addressed real-world challenges.
* Database management, web development, and software engineering principles were also covered.
* During these experiences, I contributed to software development, testing, and debugging.
* I actively participated in coding competitions, hackathons, and coding clubs.
* These activities allowed me to stay updated with industry trends and network with professionals.
* Developed responsive websites using HTML, CSS, and PHP
* Built dynamic web applications incorporating PHP for server-side scripting.