**KAMESH**

**SR. Full stack .Net Developer**

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**PROFESSIONAL SUMMARY:**

* **11+** years. of IT experience in **Analysis**, **Design**, **Development**, **Implementation** and **Testing** o**f Client-Server** and **N-tier Architectures** in **Finance**, **Healthcare** and **Insurance** and experience developing **web-based** and **client server** applications with **.NET** & **Microsoft technologies**.
* Strong Object-Oriented Analysis and Design (**OOAD**) and **C#**, **VB.NET** Programming skills.
* Sound experience in **Microsoft .Net** technologies like **.NET Core(6/5/3.1)**, **.NET Framework (4.8/4.5/3.5),C# (5.0/4.0/3.0)** with **MSSQL Server(SQL 2014/2012/2008/2008R2)**, **ASP.NET**, **ADO.NET, VB.NET, .Net Web Services, MVC** 3.0/4.0/5.0 Framework**AJAX, jQuery, Angular 14** and Windows Communication Foundation (**WCF)**, **Win Forms, Windows Presentation Foundation(WPF)**
* Profound working knowledge in Microsoft Office SharePoint Server **2013/2010**.
* Proficient with Web Page Development using **HTML, XML, XSLT, CSS, Angular 14, JavaScript, jQuery** and **Ajax.**
* **Expertise in OOPS, SOLID principles of OO Design, SOA, REST, DI, IOC and Design Patterns.**
* Created custom wizards in **K2** using **SDK** and **Visual Studio Template.**
* Good hands-on Experience in database related work primarily creating complex **Stored Procedure, Views, Triggers, Functions** using **PL/SQL, T-SQL.**
* Experience in designing using Object Oriented Programming (**OOPS**) Skills such as **Encapsulation**, **Abstraction**, **Inheritance,** and **Polymorphism**.
* Used **SRE (Simple Rule Engine)** library to implement easy tax calculations logics.
* Expertise in developing applications using **.NET** application building blocks (**Data access**, **Exception Handling**, **State management**).
* Experienced in Language Integrated Query (**LINQ**), **LINQ to SQL**, **LINQ to Objects** and **Entity Framework**.
* Expertise in developing **Single Page Applications (SPA)** using **Angular 6,8,9,10,12,14, React JS** etc.
* Experienced working with Active Directory authentication groups with **LDAP**.
* Expertise in developing and consuming of windows services and web services both SOAP & RESTful API using **ASP.Net** Web API.
* Competent at building a Single Page Application website using **Angular 6, Angular 4, AngularJS,** and **ASP.NET Core, ASP.NET MVC.**
* Experience in developing Web based applications using **AngularJS, Angular 2, NodeJS, Typescript, JavaScript, jQuery, HTML5, jQuery, Ajax, CSS3,** and **Bootstrap** in process of **Developing Single Page Applications (SPA)**
* Developed new **MVVM**-based WPF pages for add, delete retrieve operations.
* Strong Knowledge of Database design and development and experience in writing **SQL queries, views, Triggers, Stored Procedures in SQL Server, Oracle,** and **MS-Access**.
* Experience in deploying, configuring, and maintaining web sites and services on **IIS 7.0/6.0**
* Good Knowledge on Java web services **RESTful**, **SOAP web serv**
* Used **IBM MQ** for messaging service. Developed **MSMQ** interface for implementing messaging system for the applications.
* Expertise in all stages of Software Development Life Cycle **(SDLC)** including analysis, design, development, testing, **Maintenance of Client/Server and web-based applications**, **coder refactoring** and **migration**.
* Proficient in creating Services and Endpoints using**WCF (Windows Communication Foundation)**.
* Hands on experience in **AGILE, SDLC** Software development methodologies and test-driven development, developing use cases sequence diagrams and class diagrams in **UML.**
* Experience in building **SILVERLIGHT 4.0/3.0** applications using **.NET**. Involved in building a rich web experience using **SILVERLIGHT, JavaScript, and Expression blend.**
* Vast Knowledge in source control systems such as **Subversion**, **Visual Source Safe** and **TFS**.
* Ability to work independently and efficiently, managing timelines and expectations along with learning new concepts quickly.
* Quality team player with vast experience in **onsite** and **offshore** project models with Strong analytical and problem-solving skills coupled with excellent written, verbal, and interpersonal communication skills.

**Technical Skills:**

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| **Operating Systems** | **Windows XP/2003 & Windows 7, Vista, Windows 8, Windows 10, UNIX** |
| **.Net Technologies** | .Net 6.0,5.0, .NET CORE 6/5/3.1, .NET Framework 2.0/3.0/3.5/4.0/4.5/4.8, C#, ASP.NET MVC 3/4/5/6, WEB API Core, ADO.NET, LINQ, ADO.NET Entity Framework core 2.0, WCF, WF, WPF and Microservices. |
| **Web Technologies** | HTML4/HTML5, XML, PHP, JavaScript, jQuery, Angular 14/12/10/9/8, Angular JS, Angular (2-9.X Versions), React JS, AJAX, CSS,  CSS3, JSON, DHTML. |
| **Programming languages** | C#.NET(Core/4.5/4.0/3.5/3.0), VB.NET(10.0/9.0/8.0), T-SQL, PL/SQL, C++ |
| **Databases/RDBMS** | **SQL Server 2005/ SQL Server 2008/ SQL Server 2008 R2/SQL SERVER 2012/SQL SERVER2018, SQL SERVER 2019, Oracle Database, Oracle 10g/ Oracle 11g, MySQL 4/5, Oracle 8i/9i (PL/SQL), MS ACCESS, Active Directory Authentication groups.** |
| **IDE** | **Microsoft Visual Studio 2019/2017/2015/2013/2012/2010, VS CODE, SQL Server Integration Services(SSIS), Microsoft IIS.** |
| **Reporting tools** | **Crystal Reports (2010/9/8.5/8), SQL Server Reporting Services (SSRS), Message Queue and broker.** |
| **Version Tools** | **Visual Source Safe(VSS),TFS (VS 2008, 2010, 2015), Subversion (SVN), Azure Devops 2020, VSTS, GIT** |
| **Portals** | **SharePoint 2017, SharePoint 2010, Windows SharePoint Services (WSS 3.0), BizTalk Server 2010.** |
| Design Patterns | **Service Oriented Architecture (SOA), MVVM Pattern, Model View Controller (MVC), Factory, Singleton, and Object-Oriented Design.** |

**Professional Experience:**

**Client: Navient Financial Corporation- Fishers, IN July 2022 – Till date**

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

**Responsibilities:**

* Worked in **Agile Scrum** methodology and delivered accepted functionality in each sprint.
* Played key role in feature implementation and enhancement, code refactoring and defect fixing.
* Designed and developed Hybrid-Single Page Application using **C# 5.0**, **.NET Framework 4.5**, **ASP.NETMVC 5**, and **AngularJS 1.5**.
* Consumed SOAP APIs from enterprise customer system and RESTful APIs provided by other applications in the portfolio, also created W&C RESTful APIs.
* Participated in UI design with Master Pages in MVC 5 and improved layout with **HTML5**, **Bootstrap**, and **CSS3**.
* Used **AngularJS**, **JavaScript** to develop **templates**, **controllers**, and **directives**.
* Used Requires **JavaScript** library to dynamically load **ASP.NET** bundles.
* Used **Math.net** library to implement methods and algorithms for numerical computations.
* Provided database connectivity using **Entity Framework 6.0, LINQ,** designed stored procedures and views at the back end.
* Developed Angular custom directives and pipes and developed core functionality with the **ASP.NET MVC Core Framework (C#.NET)**.
* Worked as part of prod support team and fixed many live issues by debugging code, checking log files and execution plans.
* Contributed to data migration from Oracle **DB to SQL** Server using **PL/SQL** and **T/SQL**.
* Generated data migration and transformation using **SSIS** and built reports with **SSRS**.
* Used **OWIN** interface to decouple server and application.
* Used **JSON** web token to do user authentication and secure information exchange.
* Using the **Ninject** for Dependency Injection to build a loosely coupled system.
* Used Dapper for Object relational mapping (**ORM**).
* Used Repository and Factory design pattern to develop reusable code.
* Designed unit testing module with NUnit to test the application performance and availability.
* Heavily involved in **code review**, **build** and **deployment** with **GIT**, **Jenkins**.
* Implemented **Angular8** **Routing** and **Navigation**, **Components**, **Services**.
* Designed, architected, programmed WinForms, Web based Application and Libraries.
* Involved in design and development of Web Application using **ASP.NET MVC, .Net Core 1.0, C#.NET, SQL-Server 2019, WCF,** and **Visual Studio 2012**.
* Integrate **Azure Event** Hubs with other **Azure services** and third-party systems, ensuring seamless communication and data exchange.
* Configure and optimize Azure Event Hubs settings for **performance**, **scalability**, and **fault-tolerance**.
* Worked with **Azure services** and **Azure functions**.

**Environment:**.Net 5.0, Angular 9, C#, Visual Studio 2019, VS CODE, SQL Server 2019, HTML, Entity Framework core5.2, MVVM, Azure DevOps 2020 CICD, CSS, Agile.

**Client: Intermountain Healthcare, Salt Lake City, UT Oct 2020 – June 2022**

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

**Responsibilities:**

* Expertise working with web services, **WCF, WPF** using technologies such as **C# 6, ASP.NET MVC, WEB** **API in ASP.Net Core**. Used the latest framework **ASP.Net Core 2.0/2.2** to develop a new portal. Developed various micro services for better design approach and consumed WCF services using the service endpoint.
* Involved in designing rich UI using **JavaScript** library **knockout.JS** and **react.JS.**
* Implemented authentication and authorization via a custom authentication layer and setup configuration using **JWT, bearer tokens, the Angular’s canActivate, canDeactivate, routers** etc.
* Wrote several API calls **(get, post, put etc.)** using observables dependency injectors etc. to get the data from micro services.
* Implemented new Web Pages in the application using **ReactJS**, **Bootstrap, HTML5.0, CSS, jQuery** and JavaScript.
* Integrated logging via **Kafka** into the microservices to log **critical exceptions, warnings, application events.**
* Developed and maintained .Net (C#) applications deployed on **Kubernetes clusters, ensuring scalability and reliability.**
* **Implemented Kafka for real-time data processing and message queuing, improving system efficiency.**
* **Utilized SQL databases, including MongoDB, for data storage and retrieval, optimizing query performance and database design.**
* Implemented Kubernetes for container management, enhancing scalability and reliability of microservices architecture.
* Integrated Kafka for real-time data streaming, facilitating efficient communication between distributed systems.
* **Utilized SQL, with a focus on MongoDB, for database management and optimization.**
* Created the store using Create Store from **React**.
* Set up environment configuration for **DEV, QA, UAT, PROD**.
* Developed several endpoints with a microservice driven architecture in **.Net core 3.0** using Microsoft coding standards.
* Created the **React** **app using NPM** & set-up local development environment.
* Wrote the reducers & dispatchers in order to return the new states for the web app(**react** + Redux).
* Created several re-usable generic **UI** components and modules.
* Designed **complex queries, joins, views, table schemas** etc. using **Entity framework core 2.2**code first approach and improved the performance of data loading in the application.
* Hands on experience with **React Native** for native apps development.
* Used **jQuery** Data tables and its custom properties to show and filter huge load of data.
* Implemented an entire microservice from scratch for automated email deliveries, notifications and passing messages to other microservices.
* Used **React-Router** for routing - Used Browser Router for Web and **Native Router** for mobile.
* Used **swagger** to track http requests and responses.
* Finetuned and fastened application performance using several **SQL fine tuning techniques** and **SQL profiler.**
* Have written complex **T-SQL** stored procedures, functions, views etc.
* Implemented **Azure DevOps CICD** pipeline including backup strategy and one click build and deploy for all the application including **npm installs**, **SQL Scripts** etc.
* Implemented Logging using Serilog custom third-party logger and logged user activities, warnings, errors etc.
* Used third party **react components - react-video, react-captcha, react-tags input, react-data grid, react-calendar,**   **react-tabs**.
* **Used http headers, JWT,** other **http formats** and **bearer tokens** to full fill security and data exchange.
* Serialized and Deserialized complex **Json** data and converted them to View models.
* Have written several Restful APIs to communicate with different data servers and exchange data.
* Have written unit test cases using **Microsoft’s unit testing service** and used the **Microsoft’s code quality** and performance feature to ensure quality of code.
* Created reusable components with **React.js.** Used **JSX** for markup, props and state in the components, life cycle methods, DOM event handling and created forms.
* Used **postman API** tool to test and track the **API** **configurations** and end points of the application.
* Used **GIT** as a code repository and used features such **as Pull, Push, Stash, Branching** and **merging** etc. and Setup Gated build and deploy using **Azure DevOps**.
* Worked on a third-party project for client Earnest using **React JS** and its modern features.
* Easily Adapted to the new technologies such as **Serilog** etc. that were used in organization.

**Environment:**.Net Core 3.0,SPA, Angular 9, C#, Visual Studio 2019, VS CODE, SQL Server 2018, HTML, Entity Framework core2.2, MVVM, AJAX, JavaScript, jQuery, Azure DevOps CICD, CSS, IIS 8.0 and Agile.

**Client: Key Bank, Albany, NY Mar2019 – Sep2020**

**Role: SR .Net Angular Developer**

**Responsibilities:**

* Involved different phases of the **Software Development Life Cycle (SDLC)** including **Requirement analysis, Designing, Programming, Testing**, and **Documentation**.
* Designed and developed secure cloud & web applications with **.Net** and **Azure PAAS** technologies.
* Developed **API’s** using **Azure API Apps**.
* Developed **UI** screen with requirements authorized end client specifications and expectations.
* Developed **reusable Angular** components like **headers, footers, custom alert,** and **communication thread** components for UI Screen development.
* Designed and customized **MS Dynamics 365** forms and ribbons.
* Upgraded applications in **Angular 10** to latest version **Angular 11** to improve the performance and resolving peer dependencies in Node packages when performing the upgrade.
* Experienced working on developing Web API using **ASP.NET** Core micro services and integrated with front-end application using **HTTP client API**.
* Implementing **Azure Logic Apps, Azure Functions, Azure Storage,** and **Service Bus Queues** for large enterprise-level **ERP Integration systems**.
* Design and development Database and flow for Application in **Asp.net MVC 4** and **Dotnet Core 3.1+, .NET 6.0, WebAPI/ RestAPI,** and **C#.net**.
* Knowledge on data extraction for huge number of records using **Azure Data Factory (ADF)**.
* Knowledge on the **Azure DevOps** and it process of creation of the **tasks, pull requests, Git repositories.**
* Created the Web API controllers in **ASP. NET MVC** to build, maintain Restful API's, also consumed API's client side using Angular data binding.
* Upgraded single page application from **Angular 11** to **Angular 12.**
* Experience with **SAML** and **OAuth** technologies.
* Consumed and created **SOAP**&**REST** interfaces.
* Implemented fixes for security vulnerabilities.
* Worked with business analysts to understand their business models and goals.
* Analyze, Track, and close the Defects found in various phases of the project.
* Improved the performance and responsive time of application.
* Incorporating the required external resource in the test code to remove the dependency between a test method and the resource.
* Developed Web applications and Web Services using **ASP.NET, C#, MVC4** with **Razor, Entity Framework 5/6, LINQ, HTML5, CSS3, JavaScript, AngularJS,** and **Bootstrap UI**.
* Used **C#, MVC, ASP.Net Web API**, web forms in the application with **MVC 5.0 Razor Engine**. Service layer was developed using **ASP.NET** Web API for RESTful services.
* Ensuring that the test that relies on external resources uses them explicitly, allocates them before testing, and releases when done/failed.
* Debugging using firebug and web developer tools on **Chrome**, **Firefox**, and **Internet Explorer**.
* Adopted **Git** for version controlling and **JIRA** for project tracking.

**Environment**: Angular 11/12, JIRA, Typescript, ASP.Net, CSS3, NPM, WCF, WPF, JSON, SASS, .NET Framework, API.

**Client: American Airlines - Fort Worth, TX Jan 2018 – Jan 2019**

**Role: Full Stack .Net Developer**

**Responsibilities:**

* Designed the Presentation Tier by using the standard **ASP.NET** Controls and provided the required functionality by using **C#.NET**.
* Worked on major Enhancement incidents and new business incidents.
* Involved in development of **Web Forms**, **classes** using **ASP.NET MVC 5.0** that incorporates both **N-Tier Architecture**, and **Database Connectivity**.
* **Worked on configuring IIS, which includes creating websites under sites, Handler Mappings, Application pool, Http Bindings,** and **configured Application Request Routing (ARR)**.
* Used the latest **WPF/XAML** vector-based UI framework for the front end and WCF.
* Developed Graphical Using Interface (GUI) for various web pages using **AJAX, HTML, CSS,** and **SILVERLIGHT**.
* Worked with **OOPs** and **OOD** patterns and **SOLID** principles while developing the layers in the architecture.
* Implemented **MVVM (Model View View Model)** pattern to create Silverlight using telluric controls.
* Developed and released **MVVM** based app utilizing commanding.
* Designed and implemented **UI** pages for other modules using **C#** and **ASP.NET**.
* Coding of UI using **ASP.NET** and **C#** for planning and scheduling modules.
* Implement the various services such as the **QA** Services.
* Used **Entity Framework ORM** to remove the need of writing the complex data access plumbing code.
* Used the SRE (Simple Rule Engine) attributes like **EqualTO**, **EmailMatchRegex, UsePhoneNumberRegexetc.** attributes for user validation.
* Used **SRE (Simple Rule Engine)** for internal applications to calculate billing totals and perform custom claim calculations.
* Developed highly reliable cloud messaging service utilizing **Azure Service Bus** to set an endpoint so that the client can listen to their requested message.
* Used **MVC 5.0** architectural design pattern for development of the application.
* Created various views and partial views in **ASP.NET MVC**.
* Worked on **MVC (Model View Controller)** pattern using **AngularJS** and created different controllers, view to be used in the project.
* Built **SSIS** packages to transform data to various platforms and developed deployed and monitored **SSIS** packages.
* Developed single page applications using **AngularJS**.
* Used **ADO.NET** objects such as **Dataset, Data Adapter,** and **Data Reader**.
* Involved in design and implementing code for **business** and **Data Service** using **WCF**.
* Implemented client-side validations using **JavaScript, AngularJS, jQuery,** and **AJAX Library**.
* Used **ASP.NET AJAX** controls for Web Application Development.
* Used **LINQ** to **SQL** to expose Relational data as objects in application code.
* Followed **SOLID** principles in class design. Used **DI** and **IOC** for loose coupled application.
* Developed the Application Tier using **C#.NET, WCF**.
* Designed Grid using **jQuery**.
* Developed **ASP.NET** Web Forms using **HTML, AngularJS, JavaScript,** and **CSS** to control the style and layout of multiple pages.
* Involved in designing, developing, and deploying reports in **MS SQL** Server environment using **SSRS** and **SSIS**.
* Development of **WPF** code to resolve other miscellaneous outstanding issues across the application.
* Created **RESTful Web API** endpoints for the services.
* Team Foundation Server is used for source control and used extensively for constant integration.
* Used **Entity Framework ORM** for Query Translation.
* Created **Stored procedures, Triggers,** and other DB related Queries when SQL Server linked to K2.
* Used **ADO .NET (for SQL Data Provider)** technology for **data retrieving querying, storage,** and **manipulation**.
* Developed complex **SQL** queries, Stored Procedures, and Triggers for getting the transactions that occur on a **daily/monthly/yearly basis**.

**Environment:** .NET 4.5 Framework, MVC 4.0/5.0, SQL SERVER 2012, SSIS, ASP.NET, AJAX Control Toolkit, WCF, WPF, Restful, AngularJS, LINQ, C#, XML, HTML 5, CSS 3, TFS 2013, Visual Studio 2013, Windows Server, SSRS, SSIS, SRE (Simple Rule Engine), MVVM, Windows 2007, IIS 7.0.

**Client: Avtrix Software Solutions, Hyderabad, India April 2012 - July2017**

**Role: .Net Developer**

**Responsibilities:**

* Involved in design and implementation of the web Application.
* Working with Iterative **Agile Programming Methodologies, Scrum, and Test-driven development (TDD).**
* The application was developed using the **Model View Control4(MVC)** architecture that gives a clear separation of representation of information from the user's interaction with it.
* Used **C#, ASP.NET, AJAX Toolkit** controls like **Script Manager, Update Panel,** and **Modal Popup Extender** within some web pages.
* Used **Enterprise Libraries** to connect Database **(Data Access Application Block)**, to log on application used **(logging Application Block)**, to handle exception used **(exception Handling application block)**.
* Successfully developed different Web Pages using **HTML 5, JavaScript, and CSS**.
* Responsible for Required Analysis, timely delivery, Client interactions, Resolutions of issues.
* Designed database in **SQL** and created **stored procedures, functions, views, Cursors** and done **Indexing** to reduce complexity of **front-end SQL queries** and triggers to enforce entity relationships.
* Involved in the production support for **Vehicle Insurance Quote System (VIQS).**
* Used **LINQ to SQL, LINQ to XML and LINQ to Objects** for retrieving the data efficiently and Just in Time manner through **Entity Framework**.
* Used **Web Services (SOAP, WSDL)** for communicating with other application and components.
* Responsible for developing **WCF** Service Libraries to exchange data between **Desktop** and **Central Application** and **implement business logic**.
* Implemented **SSIS** packages and jobs to integrate with external third parties and internal databases.
* We used TFS (**Team Foundation Server**) for all the source code maintenance among the whole team members.
* **Involved** in all the stages of **SDLC**. Completely understand the **importance of Quality of work** in **deliverables** given to client.
* Responsible for **manual testing, Unit testing, Integration testing, System testing** for modules coded.

**Environment:** Microsoft Visual Studio 2012, Agile Methodologies, ASP.NET, ADO.NET, C#, .NET framework 4.0, MVC4, HTML, CSS, JavaScript, WCF, TFS, SQL Server 2008, Web Services, Entity Framework, AJAX, LINQ.