**Bharath Kumar Kadarla**

**Senior .Net Full Stack Developer**

**Email: bharathk1885@gmail.com**

**PH: +1- 816-710-9705**

**www.linkedin.com/in/bharath-kadarla-9ba490265**

**Professional Summary**

* Over **10 years** of **full-stack .NET development** expertise, involving the analysis, design, and development of web-based and client-server applications.
* Experience in all phases of SDLC including Architecture, analysis, design, coding, debugging, testing (test plan and test execution), integration and system testing, documentation and maintenance of the programs.
* Experience in N-tier client/browser-server applications using .NET Framework technologies- **ASP.NET**, .**NET Core 5.0/4.0/3.1**, **C#, ADO.NET, LINQ, AJAX, WPF, WCF, Web Service** and **IIS10/7/6.**
* Experience in using **MVC4, MVC5/Razor** design pattern in developing standards-based web applications.
* Experience with microservices development and design patterns.
* Experience in creating **use case diagrams**, **class diagrams**, **activity diagrams**, **sequence diagrams**, **page flow diagrams** using UML technologies.
* Used **N-tier architecture** for presentation layer, the Business and Data Access Layers and were coded using C#. Net. Good Experience in Developing Applications using Microservices.
* Extensively used XML technologies such as **XML**, **XSL**/**XSLT**, **RESTful**, **SOAP**.
* Expert in developing User Interface (UI) Applications and professional Web Applications using Web Standards, **JavaScript**, **Angular**, **React**, **Bootstrap 4/5**, **JSP**, **HTML**/**HTML5**, **XHTML**, **jQuery**, **CSS**/**CSS3**, **AJAX**.
* Proficient with SQL Server Database design, developing performance optimized SQL.
* Queries and stored procedures **SQL Server 2016**/**2014**/**2012**.
* Proficient in utilizing NoSQL **MongoDB**, including hands-on experience managing collections, indexes, shards, and performing various database management tasks.
* Experience in Windows Presentation Foundation (**WPF**) screens and worked with RESTful services and Windows Communication Foundation (**WCF**) services.
* Experience in using Language-Integrated Query (**LINQ**) query and retrieve data from different data sources (LINQ to Objects, LINQ to XML, and LINQ to SQL).
* Strong analytical and conceptual skills in database related work primarily creating complex stored procedure, Views, Triggers, Functions, using PL/SQL, T-SQL.
* Leveraged Microsoft **Azure** and **AWS** cloud services to deploy, manage, and optimize applications, ensuring high availability and security.
* Worked extensively with **ADO.NET** objects such as Data Adapter, Dataset, and Data Reader to interact with database like SQL Server.
* Expertise in version control tools including **Git**, **SVN**, and **TFS**, ensuring efficient code collaboration and management.
* Involved in Unit, integration, functional, system, performance and acceptance testing and code review and attended daily stand-up meetings for task allocation and status update.
* Proficient in creating and executing unit tests, I leverage **Karma** and **Jasmine** to ensure the reliability and robustness of the user interface components in web applications. This includes writing and implementing test cases, conducting thorough test reviews, and contributing to the overall quality assurance process within agile development environments.
* Participated in application development on Azure servers by generating packages using Visual Studio, PowerShell, and the **Azure** Portal.
* Extensive experience in telecom network monitoring, real-time data processing, and integration with AWS services
* Configured **Log4Net** to capture and store log messages in various output formats, including file logs, database logs, and console logs
* Excellent at learning and adapting to new technologies. Adaptable to work both as a team member as well as independently.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Languages:** | C#, .NET Core, VB.Net, Python, Java, OOP concepts |
| **Development Stack** | .NET Framework 4.5/4.0, ASP.NET Core Web API, ASP.NET MVC, Entity Framework, RESTful APIs, JSON, and XML data interchange, OAuth2 authentication, Real-time user interactions with AJAX |
| **Web Technologies:** | ASP.NET Core, Razor Pages, Blazor |
| **Front-End Technologies:** | HTML5, CSS3, JavaScript (including jQuery), Angular, React, Telerik/Kendo controls, JavaScript libraries (e.g., Bootstrap) |
| **API Development** | ASP.NET Web API, Microservices |
| **Microsoft .NET Technologies and Tools:** | .NET Core/.NET 5+, .NET 6, .NET 7, ASP.NET Core 6, ASP.Net MVC version 4|5, ADO.NET, LINQ, Web Forms, SharePoint Server 2013/2019/SharePoint Online, Win Forms, Docker, JIRA, Bamboo, Microsoft .Net Share Point |
| **Testing and Quality Assurance** | Unit testing (NUnit, XUnit), Integration testing (Jasmine), API testing (Postman), Swagger, Test-driven development (TDD), Bug tracking and reporting |
| **Dependency Injections** | Microsoft. Extensions |
| **Security** | Authentication/Authorization, JWT, DocuSign, OAuth2, Azure Security Center. |
| **Patterns** | MVC, MVC2, MVC3, MVC5 |
| **Internet Applications** | AJAX, XML, XSL, XSLT, XAML, WCF Services, WPF, MV VM |
| **Cloud and DevOps** | Microsoft Azure, Azure Security Centre, Azure DevOps (CI/CD pipelines), AWS (Lambda, S3, RDS), Docker and Kubernetes, Continuous integration and continuous deployment (CI/CD). |
| **Web Services and APIs, Protocols** | Microsoft IIS, RESTful and SOAP, HTTPS, TCP/IP |
| **IDE** | Microsoft Visual Studio, Visual Studio Code, Eclipse, Android Studio, Xcode, Xamarin Studio |
| **Packages** | MS Office 2007/2010(MS-Word, Excel, Visio, and Power Point), MS Project, MS Office |
| **Database and Data Access** | SQL Server (various versions), ADO.NET for data access, Entity Framework (EDMX), LINQ to SQL and LINQ to XML, MongoDB (NoSQL), PostgreSQL |
| **Other Tools and Technologies** | Kafka, RabbitMQ, Log4Net, Visual Studio Code, SQL Server Management Studio (SSMS). |
| **Version Control and Collaboration** | Git (GitHub, GitLab, Bitbucket), Visual Studio, TFS (Team Foundation Server), SVN, JIRA and Azure DevOps for project management, Collaboration tools (Trello). |

**Professional Experience**

**Sr .Net Full Stack Developer**

**Morgan Stanley, Chicago, IL Nov 2021 to Present**

**Responsibilities:**

* Led end-to-end software development life cycle, emphasizing Agile methodologies. Engaged in sprints and daily scrum meetings for efficient iterative development.
* Designed and developed the web application using .NET Core 5.0 and ASP.NET MVC Architecture with Entity Framework 6.3.
* Responsible for designing the ASP.NET application authentication using .NET Framework 4.5 (Form based authentication and Role based authorization using ASP.NET membership provider), Model View Controller MVC and IIS security model.
* Utilized AngularJS extensively to implement routing within the web application
* Used JSON to store and transport data.
* Created the application with ASP.NET MVC and made use of ASP.NET MVC features like Routing, Partial views, Html Helpers etc.
* Designed and developed UI framework for the web application using Angular v12.0, JavaScript, HTML5 and CSS.
* Extensively used modernizer to create HTML5/CSS3 page layouts that are cross browser compatible and standards-compliant.
* Created Data access layer for SQL server using LINQ.
* Designed and developed SQL Server Reporting Services (SSRS) SQL Server.
* Involved in Report writing according to business requirement using SSRS Reports.
* Written Queries using T-SQL Statements, Views, User Defined Functions, Stored Procedures, Triggers in SQL Server 2016 for inserting/Updating/Deleting the data into the relational tables.
* Created Indexes, Views and Stored Procedures for quick and efficient retrieval of data using SQL Server 2016.
* Used type-safe SQL Parameters for data access to avoid SQL Injections.
* Developed and deployed applications on the Azure cloud platform.
* Utilized Azure services such as Azure App Service, Azure Functions, Azure Storage, and Azure SQL Database.
* Implemented IoT Edge solutions for edge computing scenarios.
* Connected and managed devices at the edge using Azure IoT Edge services.
* Deployed application on test, production servers and managed application using Microsoft Azure and configured Azure cloud service for end point deployment.
* Implemented source control and version control using GIT.
* Extensively used SSIS to create packages to move data from a single data source to a destination.
* Assisted in quality assurance measures such as code reviews, test case creation and unit testing for different modules.

**Environment:** Visual Studio 2022, Angular 12.0, C#.NET, ASP.NET MVC 5.0, ASP.NET Core 5.0, Angular 12.0, Web API, Entity Framework 6.3, JavaScript,HTML5,CSS, GIT, IIS 6.0, XML, SQL Server 2016, SQL Server, Microsoft Azure, LINQ to SQL

**Sr..NET Full Stack Developer**

**Molina healthcare, Bothell, WA Mar 2019 to Oct 2021**

**Responsibilities:**

* Participated in gathering the requirements, analysis, design, development, testing and deployment for enhancements. Involved in Agile process, two-week Sprints and daily Scrums Stand-up meetings to discuss the development of the application.
* Designed rich, easy-to-use and highly interactive UI using the **HTML5, ASP.NET** Master Pages, AJAX controls, **JavaScript, CSS3, Angular, jQuery, Bootstrap**.
* Developed custom, interactive dashboards to present large data sets from custom **RESTful .NET CORE Web API**.
* Used **Angular 6/8** and **.NET CORE** development framework to build a single-page application.
* Worked with Angular framework including authoring complex directives, services, controllers and filters working with routing and states.
* Extensively used Angular material for ng-grid, and UI components.
* Used Angular Http Request to read data from web servers and process JSON data to render UI.
* Used Twitter Bootstrap for HTML components style definitions and user interface elements such as dialog boxes and tooltips.
* Designed and developed front end web components using **Angular 6/8**, **Bootstrap** and **JavaScript** data visualization libraries like High charts.
* Worked on Creating an Pipelines(CI/CD) for the application.
* Exposure working with Microsoft Azure Cloud based **IAAS, PAAS** and **SAAS**
* Developed and exposed end points using **ASP.NET Web API** and Integrated .net core Pipelines and used token-based authorization using **OAuth 2.0**
* Experience in dealing with Windows Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services
* Reusable components are unit tested with **Karma** and **Jasmine** tests.
* Worked on line charts, column and bar charts, pie charts, gauges, hybrid charts and formatting of tooltips, legends and drill down charts.
* Used Identity database to give login access to different portals.
* Documented end points to **Swagger** and used **Postman** to see JSON response from API.
* Used GITHUB for Version Control, Team build, Project Management and Reporting.

**Environment**: Visual Studio 2017/18, .Net Framework 4.5, C#, ASP.NET, ASP.NET CORE 3.1, Web API, SQL Server 2016, JavaScript, Bootstrap, Angular 6/8, Angular Material, Microsoft Azure, JSON, HTML5, GIT, CSS3, Windows Server, Azure, IIS, High charts, Karma, Jasmine.

**Full Stack .NET Developer**

**State of Michigan (DOE), Lansing, MI Jan 2017 to Feb 2019**

**Responsibilities:**

* Designed and developed UI framework for the web application using Angular 4.0, JavaScript, Bootstrap, jQuery and HTML5.
* Designed and developed the web application using **ASP.NET MVC Architecture** with **Razor View Engine** and **Entity Framework**.
* Extensively used **Angular UI** Router for implementing routing to the web application.
* Designed customized Angular Directives.
* Extensively used modernizer to create **HTML5/CSS3** page layouts that are cross browser compatible and standards-compliant.
* Created the application with **ASP.NET MVC** and made use of ASP.NET MVC features like Routing, Partial views, Html Helpers etc.
* Used Service Contract and Data Operation.
* Extensively used AJAX in building user-friendly, faster and better web pages.
* Implemented MongoDB as a NoSQL database solution to optimize data storage and retrieval for high-volume telecommunications data, improving system performance and scalability.
* Adapted the source control and version control using Team Foundation Server to accommodate **MongoDB**.
* Integrated **MongoDB** as part of the data flow, using **SSIS** to create packages for moving data from a single data source to a destination, and created and maintained reports in **SSRS**.
* Contributed to quality assurance measures, including code reviews, test case creation, and unit testing for different modules.
* Configured **Log4Net** to capture and store log messages in diverse output formats, encompassing file logs, MongoDB logs, and console logs.
* Led the successful integration with **AWS** cloud services, optimizing infrastructure costs, and improving scalability.
* Implemented serverless functions, managed containers, and leveraged **AWS** services such as **Lambda**, **S3**, and RDS to enhance application performance and reliability while ensuring compliance with industry standards
* Utilized .NET Framework for backend development, integrating with MongoDB and AWS services seamlessly.
* Contributed to quality assurance measures, including code reviews, test case creation, and unit testing for different modules.

**Environment**: Visual Studio 2015, C#.NET, ASP.NET MVC 5.0, Angular 4.0, Entity Framework 6.0, Razor View Engine, Microsoft .NET Framework 4.0, JavaScript, Bootstrap, jQuery, TFS 2013, IIS 6.0, AJAX, XML, MongoDB, Windows XP, UML, SSIS, LINQ to SQL, ADO.NET,Log4Net, AWS (Lambda, S3, and RDS)

**.NET Developer. Mar 2015-OCT 2016**

**Brio Technologies Private Limited Hyd India**

**Responsibilities:**

* Created the UI of web application using ASP.NET and business logic was built with C#.
* Extensively used ASP.NET DEVEXPRESS controls like Asp Popup Control, Asp Grid View, Asp Callback Panel, Asp Navigation Bar, Asp Data View., Etc. to design the UI of the Web application.
* Created Web Forms using ASP.NET and implemented form validation using ASP.NET Validation controls using both Custom validation and JavaScript Validation controls for Client-side validations.
* Extensively used ADO.NET for Database Connection and Database Communication with components like SQL Connection, SQL Command, Data Adapter, Data Set, Data Reader, Grid View and Details View.
* Worked on creating tables, views, triggers, constraints, Stored Procedures, Functions, and Packages.
* Extensively used MySQL in constructing user functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Used LINQ to retrieve the data from the back-end through Entity Framework.
* Transferred data to front – end in JSON format.
* Implemented Web Services using SOAP and are used on the middle tier to check credit card information of customers.
* Developed various Data Service classes to connect and manipulate data using ADO.NET and C#.NET.
* Utilized Redux for state management in the frontend, ensuring predictable state behaviour and facilitating complex data flow.
* Used AJAX Controls to avoid flickering while post back and creating interactive pages.
* Extensively used JavaScript, HTML5, DOM, X-HTML, AJAX, CSS-3 and J-Query to create web pages that are cross-browser compatible and standard-compliant.
* Integrated React JS into the frontend to enhance user interface interactivity and responsiveness.
* Created customized configurations for user authentication and authorizations were made role based to restrict accessibility.
* Created new SSIS packages for populating data into MS SQL database.
* Managed source control and version control using Team Foundation Server (TFS) by maintaining branches for different phases of the project.
* Worked on multiple Legacy applications and migrating them to Microsoft Asp.Net Environment.
* Integrated AWS Cloud services into the application infrastructure, leveraging solutions such as AWS Lambda, Amazon S3, Amazon RDS, and managed containers to optimize performance, scalability, and cost-effectiveness.

**Environment**: C# .NET, .Net Framework 4.0, ASP.Net, Legacy Application, React, AWS, ADO.Net, REST API, AJAX Control Tool Kit, T-SQL, Visual Studio 2013, ASP.NET MVC4.0, TFS 2012, Entity Framework 4.0/5.0, LINQ, SQL Server 2016.

**.NET Developer**

**Maisa Solutions Private Limited Hyderabad, India May 2013 to Feb 2015**

**Responsibilities:**

* Worked on Legacy .Net application and also worked on migrating the legacy .Net application to Microsoft ASP.NET.
* Designed Web Forms using **HTML5**, **CSS3**, **AJAX**, **Angular** and implemented client-side scripting using JavaScript.
* Used **ADO.NET** for database connectivity, storage and retrieval on SQL Server 2008.
* Developed WCF Services to allow communication between the Presentation layer and Service layer.
* Developed core functionality with the ASP.NET Framework.
* Worked on conversion of DTS packages into SSIS.
* Communicating with Windows Communication Foundation service via the endpoints.
* Implemented Data Contracts and Service Contracts in WCF.
* Created Client – side proxy classes for use with **WCF**.
* Used TFS (Team Foundation Server) for version control.
* Other responsibilities of the work that was being performed are SRS Documentation, Coding, Unit Testing.
* Used AJAX Library to make client-side web services calls and partial post backs.

**Environment**: Legacy Application, ADO.NET, C#.NET, HTML5, CSS3, AJAX, Angular, WCF, Microsoft Visual Studio -2010, SQL Server 2008, SSIS, SOAP, JavaScript, jQuery, LINQ, JSON.

**Educational Details:** Bachelor’s in computer science and engineering from JNTU college of engineering, Hyderabad

**Passed out Year**: 2013