**Akanksha Reddy**

 **Senior .Net Full Stack Developer**

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**Professional Experience:**

* Highly motivated IT professional around 5+ of experience as a .Net Full Stack Developer in Telecom, Healthcare and Financial domains.
* Solid understanding of Software Development Life Cycle (SDLC) using Agile, TDD approaches.
* Experienced in using methodologies like Agile, Scrum and Waterfall over multiple projects in Development and Testing Life cycles. Attended daily Scrum Meetings, Sprint Planning, Review and Retrospective.
* Extensive experience in developing .Net framework 2.0/3.5/4.0/4.5 and .Net core applications using C#, MVC 4.0/5.0, ASP.NET, VB.Net, Web forms, WPF XAML.
* Experience in designing and developing web applications using SOA, WCF Architecture and Rest API, ASP.NET Web API, Web API 2 with ASP.NET core MVC.
* Extensively followed TDD principles for writing NUnit testcases before development.
* Good Strong knowledge in Web based pages and site design using HTML, CSS, JavaScript, jQuery, Angular JS, Type Script and Ajax, SASS, LESS, Master Pages. Developed UI using ECMA Script 6 standard.
* Developed several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in Cloud Foundry, AWS S3 and Kubernetes.
* Hands on experience with Windows Azure, Cloud Services, Storage/Storage Accounts Explorer for storage maintenance.
* Experience in using C# (7.0 / 6.0/ 2.0), ASP.Net Core 6.0/5.0/3.1/2.1, .Net (6.0/5.0 /4.0 / 3.0/ 2.0), ASP.NET MVC (5.0 / 4.0 / 3.0), .NET, Visual Studio (2022/2019/2015 / 2013 / 2010), SQL Server 2012 R2 /2008 R2 /2005, ADO.Net, WCF, Web API, LINQ, HTML, AJAX, jQuery, JavaScript, Angular JS, Angular 13/9/8/7/2 and React JS.
* Experienced in writing code and debugging, DevOps skills with ASP.NET, MVC, CORE, SQL, WCF, C#, Web services, RESTful API, Azure, AWS, and Test-Driven Development (TDD).
* Experienced in building full stack web applications using Angualr8, Angular material UI to create Reactive forms, form control and form groups, layouts, pop ups etc.
* Managed servers on the Amazon Web Services (AWS) platform instances using Puppet, Chef Configuration management.
* Configured and managed Kafka clusters on Kubernetes, ensuring high availability, fault tolerance, and scalability of the real-time data streaming infrastructure, leveraging features like replication, partitioning, and consumer group management.
* Designed and implemented a scalable, real-time data streaming pipeline using Apache Kafka for ingesting and processing large volumes of data from multiple sources, enabling efficient data distribution to downstream microservices and applications.
* Strong experience in developing applications using C#.NET, ASP.NET, MVC, ADO.NET, Entity Framework, AJAX, JavaScript, jQuery, WCF, XML Web Services, LINQ, and Web API.
* Used Angular CLI to create new components, routing, services and Microservices.
* Good Experience Bootstrap which is used for responsive web design.
* Worked and developed UI grids and controls using Telerik and Kendo UI.
* Good working knowledge on NodeJS and NPM Node Modules for server-side JavaScript.
* Experience working with SQL writing Queries, Stored Procedures, Triggers and Cursors using Oracle, MS SQL Server 2017/2014/2012/2008R2.
* Very good experience with Reporting Tools SQL Server Reporting Services (SSRS). Created ETL packages using SQL Server Integration Services (SSIS).
* Worked on multiple CI/CD pipeline projects used Jenkins for deployments of large-scale web applications and code migrations to higher environments
* Implemented infrastructure as code using Azure DevOps.
* Experience with process modeling using UML, Flow Charts, Sequence Diagrams, Activity Diagrams and Use Cases by using MS Visio tool.

**Technical Skills:**

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| **Programming** | C#, VB.NET, ASP.NET, MVC 5, .NET Framework 4.6, .Net core, WPF, VB.NET, Win forms. |
| **UI Technologies****Cloud and DevOps** | JavaScript, Type Script, jQuery, JSON, Blazor ,Angular JS, Angular 2/4/7/8/19/14, Node JS and Kendo UI, Bootstrap. Angular UI, Angular CLI, Reactive forms.Microsoft Azure, Azure Security Centre, Azure DevOps (CI/CD pipelines), Kafka Aws, Docker and Kubernetes, Continuous integration and continuous deployment (CI/CD). |
| **Middle ware** | MicoServices,Web Services, Rest, SOAP, API, Azure cloud |
| **Databases** | MS SQL Server 2017, 2014, Entity Framework, ADO.net, LINQ |
| **IDE** | Visual Studio .NET 2019, VS Code. |
| **Operating systems** | Windows 10, Linux, Ubuntu. |
| **Tools and technologies** | JIRA, Bit bucket, GIT, TFS, SVN, Rally, Tortoise, Kanban, Azure DevOps CI/CD, Jenkins, fortify. |

**Professional Experience:**

**Client: Allstate, Northbrook, IL Jul 2022- Present**

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

**Responsibilities:**

* Participated in daily standup to update the work status as part of Agile & Scrum methodologies.
* Involved in the development of business logic in C#. NET 4.5, CRUD functionality with Entity framework in ASP.NET MVC 4.5.
* Experienced in developing cross-browser accessible interfaces using Bootstrap, JavaScript, CSS3, and Angular 14.
* Developed powerful Single Page Application and dynamic responsive Web Application with Angular 14.
* Responsible for design and developing Interaction using HTML5, JavaScript, jQuery, AngularJS, Ajax and JSON.
* Design & implement end-to-end automation of infrastructure and continuous delivery of the applications by integrating Cloud Formation scripts, Jenkins, Ansible and AWS.
* Developed and maintained responsive and user-friendly web applications using Blazor, a modern web framework for building single-page applications (SPAs) with .NET.
* Collaborated with cross-functional teams, including designers and backend developers, to ensure seamless integration of Blazor frontends with various backend services and APIs.
* Heavily involved in the development of the applications using C#.Net to code for logic in API Controllers in code behind.
* Worked with scripting languages such as Java Script and Type Script 3.1 version and .Net core 3.1
* Implemented Angular Router to enable navigation, routing, services, Dependency injection, Lazy loading.
* Design, manage, and maintain tools to automate operational processes. Pick the right AWS services for the application.
* Led the migration process to Angular 14, ensuring a smooth transition by carefully planning the update, resolving compatibility issues, and conducting thorough testing.
* Responsible for upgrade process of the website to the latest version of Angular JS Framework.
* Worked on optimizing the Angular Web pages and SQL Server stored procedures to call the application from the clrbase.
* Deployed and Maintained windows phone applications on Azure cloud technologies.
* Provided support and exposed services for implementing the UI components using Angular 14.
* Build microservices and container and solutions using Azure container Registry.
* Implemented real-time data streaming using Apache Kafka for microservices integration.
* Utilized Kafka for ingesting and processing high-volume data streams from multiple sources.
* Configured Kafka replication, partitioning, and consumer groups for high availability data streaming.
* Integrated Kubernetes into Azure DevOps pipelines and implementing containerization solutions using Docker and Kubernetes and deploying services on Azure Cloud.
* Efficiently displayed data in Angular Data Table Grid View, along with a populating Details View and Data List along with update controls.
* Managed servers on the Amazon Web Services (AWS) platform instances using Puppet, Chef Configuration management
* Implemented a responsive User Interface using Angular 14, enhancing the user experience, and making the application accessible across multiple devices.
* Designing the screen according to the requirement and communicate with database using domain specific objects through ORM techniques like Entity Framework and LINQ To SQL for data access.
* Extensive experience developing web applications and backend using C#, ASP.NET CORE.
* Work on variety of tools like Git, TFS, VSTS, Jenkins, JIRA, Big fix, Azure DevOps, Bit Bucket.
* Worked with SQL server 2014 to have data manipulations to retrieve and to store data.
* Worked with DevOps Azure as scrum boards to work on stories and with regular sprint meetings.
* Worked with Azure develops CI/CD pipeline for repository which creates a build and release pipelines.
* Used .Net Core Entity Framework for web applications.Implemented Code First approach.

**Environment:** C#.Net, WCF Services, SQL Server 2014, VisualStudio.NET 2017, MVC, MVVM, Angular 14, CSS,HTML5,.NET Core Type Script, IIS 6.0, NodeJS, WCF, Bootstrap 3.0, jQuery, Java Script, Azure, Aws,Team Foundation Server,Jenkins, Angular CLI, Net Framework 4.0/4.5, IIS 7.0.

**Client: UNC Health, Chapel Hill, NC May 2020 - Jul 2022**

**Role: .NET Full Stack Developer**

* Involved in SDLC, of application developed using Agile/Scrum Methodology and gathering business requirements and planning of application.
* Worked on designing the architecture of API’S and created a RESTful Web API service using ASP.NET Web API to generate data for the EMS which was then consumed in the front-end by Angular 8/9/10
* Worked on Single page application using Angular 8/9/10 with Typescripts.
* Implementation of Sorting, Paging and Search in Angular 10 for Saved Illustrations.
* Worked with Angular 10 new features with ng-template and some of the form validations, Animation Packages.
* Developed application using Web API, C#, JQuery, Typescript, and Angular 10.
* Worked with Angular 10 MVC architecture and working with features like directives, components, Modules, dependency Injection, Services, and Routing.
* Worked with scripting languages such as Java Script and Type Script 3.1 version and .Net core 3.1
* Implemented Angular Router to enable navigation, routing, services, Dependency injection, Lazy loading.
* Knowledge of techniques used in Angular 9 with the help of Typescript.
* Involved in developing UI pages using http in Angular 9 for calling the Rest API from backend.
* Used ASP.NET framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Use Azure Repos for source code management, including branching, merging, and pull requests.
* Refactor frontend code from Blazor to Angular to improve performance and compatibility.
* Implemented few modules in MVC 5, entity framework code first pattern, Dapper (micro ORM), Azure.
* Experience in working with Angular 9, services, templates, directives, services and dependency injection to create a SPA.
* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Working on POS (Point of sale) application which uses multiple registers (SURFACE PRO) developed with .Net, Visual studio 2019, MVC, MVVM, C#, ASP.NET CORE, VB.NET, WPF, WCF service, Design Patterns, windows authentication, SOAP and Back office application (which will allow the store employee to navigate to different application) developed with VB6 , working with data bases such as SQL2017, MS Access.
* Developed Custom Directives usingAngular 8and Implemented Routing, imperative Routing and Guards with the help of Angular 8 Router Module
* Working with Entity framework on Code first approach to communicate with Data bases.
* Implemented Angular 8 Routing and Navigation, Components, Services.
* Worked with Angular8, Singe Page Application (SPA), Angular CLI, Angular material UI to create form controls, layouts, pop ups etc.
* Improved the UI using Angular 8, Angular Material, Bootstrap, Priming.
* Work on variety of tools like Git, TFS, VSTS, Jenkins, JIRA, Big fix, Azure DevOps, Bit Bucket.
* Worked with DevOps Azure as scrum boards to work on stories and with regular sprint meetings.
* Worked with Azure develops CI/CD pipeline for repository which creates a build and release pipelines.
* GIT, TFS and Bit Bucket was used to maintain the version and source control.
* Built numerous C# UI components and business modules using MVC5.0 framework.
* Responsible for designing the ASP.NET application authentication using .NET Framework IIS security model.
* Responsible for upgrade process of the website to the latest version of Angular JS framework.

**Environment:** C#.Net, VB6, XAML, RESt API, WCF Services, SQL Server 2017, VisualStudio.NET 2019, .net core3.1, MVC, MVVM, Angular 4/6/8, React JS, CSS,HTML5, KendoUI, Type Script, IIS 6.0, .Net core, WCF, Bootstrap 4.0, jQuery, Java Script, Team Foundation Server, Bit Bucket, Git Kraken, Rally, Source Tree, Jenkins, Angular CLI, Azure devOps, PowerShell, Big fix,.

**Client:**  **Bosch, Farmington Hills, MI Mar 2019- April 2020**

**Role: .Net Full Stack developer**

**Responsibilities:**

* Involved in SDLC, of application developed using Agile/Scrum Methodology and gathering business requirements and planning of application.
* Heavily involved in the development of the applications using C#.Net and core ASP.net to code for logic in API Controllers in code behind.
* Worked with Angular 7, Singe Page Application (SPA), Angular CLI, Angular material UI to create form controls, layouts, pop ups etc.
* Worked with scripting languages such as Java Script and Type Script 3.1 version.
* Implemented Angular Router to enable navigation, routing, services, Dependency injection, Lazy loading.
* Developed the front-end applications using HTML5, DHTML, CSS3, JavaScript, AJAX, XML, jQuery, JSON and Angular 7.
* Designed and developed Web Forms using HTML5, CSS3, JQUERY, ReactJS and AJAX for rich user interface.
* Design & implement end-to-end automation of infrastructure and continuous delivery of the applications by integrating Cloud Formation scripts, Jenkins, Ansible and AWS.
* Created custom Forms, Lists, Keys and Web Components using ReactJS and tested the files using Jasmine Documentation.
* Configured Azure DevOps pipelines for Pushing NuGet Dependencies into Jfrog Artifactory and later utilize them in various applications.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Docker on familiar servers such as Apache, and IIS.
* Manage various AWS/AZURE environment for provisioning of Linux servers and services implemented by the providers.
* Implemented Azure B2C microservice to create a multi-tenant app with SSO, Authentication and Authorization. Also added identity providers such as Google, FB, LinkedIn for the academia.
* Worked with DevOps Azure as scrum boards to work on stories and with regular sprint meetings.
* Worked with Azure develops CI/CD pipeline for repository which creates a build and release pipelines.
* Design AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates’
* Developed a SharePoint Add - in(app) using JSOM, CSOM, ReactJS framework, Typescript, and Office Fabric UI.
* Developed web application using .Net Core 2.0 framework. Used Entity Framework ORM as repository layer to connect to database. Implemented LINQ queries to perform CRUD operations.

**Environment:** C#.Net, XAML, WCF Services, SQL Server 2014, VisualStudio.NET 2017, MVC, MVVM, Angular 7, React JS, CSS,HTML5, KendoUI, .NET Core Type Script, IIS 6.0, NodeJS, WCF, Bootstrap 3.0, jQuery, Java Script, Team Foundation Server, Aws, Bit Bucket, Git Kraken, Source Tree, Jenkins, Angular CLI.

 **Education: Masters in computer science from University of Central Missouri**