**Sirisha Katta**

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***PROFESSIONAL SUMMARY:***

* **Over** **7+ years** of experience in software development, design, Coding, and implementation of various applications based on **Web and Mobile Platforms and using Responsive designs and Object - Oriented design methodologies** with strong analytical and programming skills.
* Extensive working experience with **Agile/(Scrum), Test-driven development (TDD), Waterfall methodologies.**
* Experience in Microsoft technologies, such as **.NET Framework (4.8/4.7/4.6/4.5/4.0), ASP.NET, C#, .Net Core 6.0, Web Services, LINQ, IIS and ADO.NET.**
* Experience in developing web applications using **Angular 14/13/10/9, Angular JS, HTML/HTML5, CSS/CSS3, DOM Manipulation, AJAX, jQuery, JSON** and **Twitter Bootstrap.**
* Experience in developing various applications using **Visual Studio**.NET technologies like **C#, ASP.NET, ADO.NET, Web services.**
* Hands on Knowledge on Azure Cloud for creating Web-Applications and Knowledge on **Azure CLI.**
* Experience in building RESTFUL services using **ASP.NET, Web API** and performing CRUD operations.
* Experience in programming the **Data Access Layer (DAL), Business Logic layer (BLL)** and **Presentation Layer (UI)** using **C#.NET** and **HTML.** And good knowledge on **Object-Oriented Programming.**
* Experience in designing and branding **Master Pages** utilizing **Server Controls**, **User Controls**, **Data Grid control**, **Forms Validation** controls, **Custom controls** and **CSS**.
* Proficient in **T-SQL** Queries, Views, Joins, Functions, SQL Stored Procedures, Database Triggers, Cursors, Query Optimization and Data First Approach implementation using Entity FrameWork.
* Experience in Data retrieval and Manipulation of SQL SEVER Using **ADO.NET** components such as Connection Object, Command Object, Datasets, Data Adapter, Data Reader, Data View and Data Table.
* Experience in developing Language-Integrated Query (LINQ) queries to retrieve data from different data sources (**LINQ** to **Entities,** **LINQ** to **XML,** and **LINQ** to **SQL**).
* Experience in creating and executing Unit Test using **NUnit and XUnit** framework.
* pringExtensive experience with **C#.Net** by creating Class Libraries for the applications.
* Extensive experience in creating rich content **Web Forms, Web User Controls, Server Controls, Web Service, WCF Service and Web API Calls.**
* **Proficient in setting up CI/CD pipelines for .NET applications, managing repositories, and using Boards for Agile project management.**
* Integrated NoSQL databases (e.g., MongoDB, Cassandra) into .NET applications for handling unstructured data, ensuring scalability and high availability for distributed systems.
* Very good expertise and knowledge of Web Browsers compatibilities like Mozilla Firefox, Internet Explorer, Opera, Safari and Google Chrome.
* Familiarity with additional version control and code review practices, specifically Git.
* Knowledge of MDX, Star Schema, and MOLAP for advanced database work.
* Experienced with Source Controls such as **Azure**, **GIT**, **GitHub**, **TFS**.
* Experience with **JIRA** for Bug tracking and work flow continuous integration practices with **Jenkins.**
* Good communication skills, strong organization and interpersonal skills and a very good team player, good problem-solving skills, capable of working independently with minimal supervision, Collaborative and Problem-solving skills.
* Proficiency in data warehousing tools like Redshift, Snowflake, and Vertica.

***TECHNICAL SKILLS:***

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| **Languages** | C#.Net, ASP.NET, Typescript, -SQL, PL/SQL |
| **Microsoft Technologies** | .Net Framework 4.8/4.7/4.6/4.5, .Net Core 6,7, ASP.Net MVC 5, ADO.Net, LINQ, Web Forms, Windows Forms, WCF, WPF, Web API, WWF, Entity Framework. |
| **Cloud Technologies** | Microsoft Azure |
| **Web Technologies** | Angular Versions, HTML5, CSS3 |
| **Development Tools** | Visual Studio 2019/2022, VS Code, TFS, Remedy, NUnit, XUnitService Now |
| **SourceControl Management** | Git, GitHubss, Bitbucket, Jira |
| **Software Engineering** | Agile (Scrum), TDD, Waterfall |
| **Operating Systems** | Windows, iOS, Android |
| **API Tools** | Postman, Swagger |

***PROFESSIONAL EXPERIENCE:***

**Client: Natixis Bank New York, NY Mar 2023 – PRESENT**

**Role: .Net Full stack Developer**

* Part of full development life-cycle using Object Oriented Programming (OOPS) concepts and **Agile SCRUM.**
* Was part of Business Team meetings for project requirements gathering, Retrospective Meetings.
* Developed Web APIs using **ASP.NET Core Framework, .Net Core, C#.**
* Worked on UI Migration project from ASP.Net 3.0 to Angular 14 with Type Script, Bootstrap
* Was part of the API Migration project from .Net 4.8 to .Net Core**, Data First** and Code first Entity framework.
* Worked on installing required node modules and other published Angular NPM modules.
* Was involved in developing **Quartz Scheduler** jobs with Cron schedule configuration.
* Worked on migration of batch jobs for data processing, files processing and sending notifications to users.
* Worked on creating, modifying Store Procs as needed for the Project requirements.
* Worked on LINQ queries for data fetching from SQL and Oracle DBs.
* Worked on Code deployments to Prod Env and was part of Production On call Team.
* Integrated **MySQL** databases with .NET applications using Entity Framework, enhancing data access and manipulation efficiency.
* Integrated **RESTful APIs** with **React** components to fetch and manage data, ensuring seamless communication with .NET back-end services**.**
* Worked extensively with Postman, Swagger, Fiddler for Api Testing and request tracking.
* Used **Visual Studio 2019, 2022** and **VS Code IDE** for Applications and API Migration as wells as Enhancements.
* Was part of Prod issue calls troubleshooting.
* Worked on configuring logs for .NetCore APIs and UI Applications.
* Worked on setting up watchers on **Kibana logs**. Configured alerts for error filtering for Team notification.
* Implemented **JavaScript** libraries to enhance user experience, including form validation and client-side rendering**.**
* Responsible for checking **cross browser compatibility** and hence worked on different browsers like Safari, Opera, Firefox, Google Chrome and Internet Explorer.

**Environment**: **C#, ASP.Net Core, ASP.Net MVC, Visual Studio 2019/2022, VS Code, SQL Server 2019, Angular 14, TypeScript, HTML5, Bootstrap, Web Services, Rest API, Microsoft Azure, AWS, React, JavaScript, MySQL, JSON, GitHub, Jira, Quartz Scheduler, Postman.**

**Client: CroweLLP, Houston, TX  Apr 2021 – Feb 2023**

**Role: .Net Full stack Developer**

* Participated in full development life-cycle using Object Oriented Programming (OOPS) concepts, **Agile SCRUM.**
* Created Web Applications using Asp.Net, Java Script, **Knock Js**, **Active X** Controls for better control design with SQL as DB (SQL 2019) backed. Worked on tables, Functions, Views and procedures for data retrieval.
* Created Web API Services using **ASP.NET Core Framework** and **C#.**
* Developed core functionality with the **ASP.NET MVC Framework (C#. NET, Entity Framework).**
* Used NPM for installing required node modules and other published Angular NPM modules.
* Published Web services using C#.NET to interact with the other applications and exposed them using REST.
* Created a virtual Network on **Windows Azure** to connect all servers and applications on this platform.
* Created multiple **TypeScript modules** to manage written codes in **Angular project.**
* Extensively used **WPF user controls** to provide page support of XML paper specification documents.
* Used **JSON format to** send the request from one application to another application in **WEB API.**
* Used **Visual Studio .NET IDE** to design the forms, develop and debug the application.
* Responsible for checking **cross browser compatibility** and hence worked on different browsers like Safari, Opera, Firefox, Google Chrome and Internet Explorer.
* Developed and deployed .NET applications using **Docker** containers, improving deployment efficiency and consistency across environments.
* Deployed and managed .NET applications in **Kubernetes** clusters, ensuring scalability, high availability, and efficient resource utilization.
* Utilized **JavaScript** and frameworks like **React** and **Angular** for **front-end development**, creating dynamic and responsive user interfaces.
* Collaborated with **UI/UX** designers to implement user-friendly features and functionalities.
* Integrated **PostgreSQL** to manage relational data, implementing efficient data queries, stored procedures, and triggers for data-driven applications.
* Designed and configured **CI/CD** pipelines using **Azure DevOps**, automating the build, test, and deployment processes for multiple .NET applications, resulting in a 50% reduction in deployment time
* Developed dynamic and responsive web applications using **HTML5, CSS3**, and **JavaScript,** ensuring cross-browser compatibility.
* Communicating and collaborating with development and infrastructure team involved in resolution to ensure incidents are resolved.

**Environment: .Net Framework 4.8, C#, ASP.Net Core, ASP.Net MVC, Visual Studio 2019, SQL Server 2019 Angular 13, TypeScript, HTML5, Bootstrap, Web Services, AngularJs, Rest API, Microsoft Azure, JSON, PostgreSQL, CI/CD, DevOps, Azure DevOps, HTML5, Agile, Docker, Kubernetes, JavaScript, UI/UX, Windows.**

**Client: Veradigm, Chicago, IL Feb 2019 – Apr 2021**

**Role: .Net Full stack Developer**

* Followed the standard for **Software Development Life Cycle** Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Implemented MVC architecture using **C# .NET, ASP.NET**. Responsible for designing the ASP.NET application authentication using .NET Framework, **Model View Controller MVC** and IIS security model.
* Developed and Enhanced Web forms, Master Pages, User Controls and Custom Controls by using ASP.Net Control.
* Created Single Page Application with the help of **Angular 8/9 Router Module.** Created **Web API Services** using **ASP.NET Web API** and **C#.**
* Defined request-response message system, typically expressed in JSON or XML, which is exposed via the web, most commonly by means of an **HTTP-based web server** by a server-side **ASP.NET Web API.**
* Created a virtual Network on **Windows Azure** to connect all servers and applications on this platform.
* Developed WPF application using Control Templates, Data Templates, Bindings, Converters, and Routed Events, Command bindings, Commands and new features like **LINQ** and lambda expressions.
* Designed and developed secured RESTful Services using Web API to expose business logic (SOA).
* Developed and maintained web applications using .NET Core and ASP.NET on a **Linux** environment**.**
* Using **Visual Studio .NET IDE** to develop the forms and debug the application.
* Used **TFS** server as version control system to manage code and document across different developers
* Tested the functionality of the web application using **NUnit** to perform Unit Testing.
* Designed and developed various web forms using **HTML5**, **JavaScript**, and AJAX toolkit.
* Involved in supporting and maintenance for legacy production systems. Actively involved in bug fixes and enhancements post production as per the client's requirement.

**Environment:** ASP.Net Framework 4.8, C#, Web API, Angular 8/9, Visual Studio.Net 2017, SQL Server 2019, IIS, Azure, HTML5, CSS3, Bootstrap, XML, WCF, WPF, NUnit, Linux, HTML5, JavaScript, TFS, Windows.

**Client: Evoke Technologies Jun 2017 – Feb 2019**

**Role: .Net Developer**

**Responsibilities:**

* Developed REST APIs that allow sophisticated, effective and low-cost application integration and multi-tier web applications with the use of Web Services using ASP. Net Web API.
* Developed 3- tier architecture application with User Interface, Business and Data Access layers using .NET and Entity
* Developed User Controls, used .NET web controls and improved the performance of the application by configuring the caching.
* The Presentation Layer was implemented in ASP. NET using Web Forms, User Control, Web Controls, HTML, and Cascading Style Sheets.
* Used LINQ for data retrieving, querying, storage and manipulation interface screens developed using ASP.Net.
* Used ADO. NET objects to retrieve and update data to the database like MS Access, SQL Server.
* Used Team Foundation Server for grabbing the projects and managing the code changes.
* Designed and developed user interface using ASP.NET and C#.NET.
* Developed stored procedures, functions and triggers and used different joins to execute SQL queries.
* Participated in Test Driven Development (TDD) in developing an application in Agile (SCRUM) environment.
* Involved in understanding user requirements, designing and developing web application and back-end applications.
* Used C#.NET to develop application.
* Involved in Design and Architecture of the ASP. Net application, WCF based Web Services.
* Designed Application using HTML5 and CSS3 standards.

**Environment:** C#.NET, ASP.NET, ADO.NET, MVC, Entity Framework, WCF, HTML5, CSS3, JavaScript, LINQ, TFS, Agile, SQL, Oracle, Windows.

**Education – Completed B. Tech in computer science at JNTU 2018**