**PROFESSIONAL SUMMARY:**

* Highly motivated Full Stack .NET Developer with over 8+years of progressively responsible experience in development, testing, documentation, and production support of customized applications.
* Experience in building web applications using **C#.NET, SQL Server, ASP.NET Core, ASP.NET MVC, Web API, ADO.NET, Entity Framework, HTML, CSS, JavaScript, jQuery, AngularJS, Angular, Bootstrap, Visual Studio**.
* Experience in developing **Microservices** to handle business logic and make the application light weight for better performance.
* Expertise in designing applications using modern architectures like **Micro Services, N-Tier, Service- Oriented (SOA)** and Client/Server Model.
* Experience in designing, developing, and deploying web applications using **ASP.NET Core** and the **.NET Framework**, ensuring high performance and scalability.
* Expertise in **ADO.NET Core** for efficient data access and manipulation, implementing robust data access layers and optimizing database interactions for high-performance applications.
* Advanced skills in using **Visual Studio Code** and **C#** for developing, debugging, and deploying .NET applications, ensuring code quality and maintainability through best practices and design patterns.
* Proficient in **ASP.NET MVC** for building dynamic, data-driven web applications with clean separation of concerns, enhancing maintainability and testability of code.
* Experience in **Agile**-**Scrum** Methodology.
* Experience in working with **ADO.Net Entity Framework** and **LINQ** (LINQ to Object, LINQ to SQL, LINQ to XML, Lambda).
* Extensive understanding on creating and managing **Views, Partial Views, View Model** in **ASP.NET MVC.**
* Expertise in **Object Relational Mapping (ORM) frameworks** like **Entity Framework, LINQ.**
* Strong background in building and consuming **WCF** services for distributed systems and creating rich client applications using **WPF**, focusing on user experience and interface design.
* Skilled in developing user interfaces (UI) using various technologies, including **HTML5, React JS, Silverlight, CSS3, Java Script, XML, J Query, XHTML, JSON, AJAX, TypeScript, Angular JS, Bootstrap**, and **Web** **UI** applications.
* Experience in leveraging **AWS** services for deploying and managing .NET applications in the cloud, ensuring scalability, reliability, and security through cloud best practices and tools.
* Good Experience in automating **CICD** pipeline to deploy applications to multiple environments using tools like **Bamboo, Azure DevOps**, and **PowerShell** scripts.
* Experience in working with the data model, writing scripts using Stored Procedures, User Defined Functions and **Triggers** in **SQL SERVER** and **Oracle** database.
* Expert in writing **T-SQL** statements for creating Tables, Indexes, Views and Constraints and stored procedures.
* Extensively worked in writing **DB** Connections, **DB** **Queries**, Stored Procedures, Triggers, Cursors, Exception Handlers, **Crystal** **Reports**, **SSIS** and **SSRS**.
* Experience in working with **GIT, Team Foundation Server (TFS)** source control. Created new team projects under team project collections, merging and branching to support parallel development.
* In-depth understanding of Object-oriented Programming concepts and Design Patterns.
* Well versed with **Test Driven Development**, used **JUnit** and **Visual** **Studio** **Test** Tools for **Unit testing.**

**TECHNICAL SKILLS:**

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| **Languages:** | C#, SQL, JavaScript, HTML ,CSS, TypeScript |
| **Frameworks & Libraries:** | .NET Core, ASP.NET Core, ASP.NET MVC, Entity Framework, ADO.NET, Web API, AngularJS, Angular, jQuery, Bootstrap, Blazor |
| **Databases:** | SQL Server, Azure Cosmos DB, NoSQL |
| **Tools & IDEs:** | Visual Studio, Visual Studio Code, Git, Team Foundation Server (TFS), Azure DevOps, Postman, Swagger |
| **Cloud Services:** | AWS, Azure |
| **Testing:** | xUnit, NUnit, JUnit |
| **Methodologies & Concepts:** | Agile (Scrum), Microservices ArchitectureObject-Oriented Programming (OOP), Design Patterns, Test-Driven Development (TDD) |
| **Other:** | RESTful Services, OAuth, JWT, LINQ, XML, JSON, AJAX |

**PROFESSIONAL EXPERIENCE:**

**Client: Securian Financial, St. Paul, Minnesota Jul 2021 - Present**

**Role: Full Stack .net Developer**

**Responsibilities:**

* Development in **Agile**-Scrum Methodology to ensure quality in a fast-paced environment.
* Developed the application using **C#, ASP.NET Core, HTML, CSS, Angular, Bootstrap** and **SQL** **Server** in **Micro** **services** Architecture.
* Developed interactive and responsive web applications using **Blazor**, leveraging the power of **C#** and **.NET** to build modern and dynamic user interfaces.
* Designed and developed scalable web applications using **ASP.NET Core,** implementing middleware and dependency injection for modular and maintainable code architecture.
* Developed dynamic web applications using **ASP.NET MVC,** creating controllers, views, and models to implement the **MVC pattern** and ensure a clean separation of concerns.
* Built cross-platform applications using **.NET Core,** leveraging its modular architecture and performance improvements for efficient application development.
* Implemented data access layers using **ADO.NET Core,** creating and managing connections, commands, and data readers for efficient database operations.
* Utilized **Visual Studio Code** for developing and debugging **.NET Core** applications, leveraging extensions and integrated tools for an efficient development workflow.
* Wrote efficient, maintainable, and scalable code **in C#,** adhering to best practices and design patterns to ensure high-quality software development.
* Decoupled application into **Microservices** using **ASP.NET** **Core, Web API** to handle business logic, improved performance, and code maintainability.
* Utilized **LINQ** to query and manipulate data collections in a concise and readable manner, enhancing code efficiency and reducing the complexity of data operations.
* Secured **APIs** with authentication and authorization mechanisms, implementing **OAuth2** and **JWT** to protect sensitive data and ensure secure access.
* Developed data models and managed database interactions using **Entity Framework**, implementing **Code First** and Database First approaches for flexible data handling.
* Developed web application implementing razor view engine, view, partial view, models, and layout view using ASP**.NET MVC, HTML5, CSS, JavaScript, jQuery** and **Bootstrap.**
* Created many Microservices and **APIs** for the application and merged pre-existing Microservices from another team. deployed current apps to **EC2** instances with each improvement.
* Used **AWS** **CloudWatch** to develop and manage monitoring and alerting for corporate and production servers and storage.
* **AWS** **Security** Groups were established as virtual firewalls to regulate traffic that reaches **AWS EC2** instances.
* Ensured application is error free at root level by following **TDD** pattern using X**-Unit** framework.
* Worked with **SQL** **Server** as data Repository, Used **LINQ** to **SQL** together with **Entity Framework Core.**
* Designed and optimized **SQL** **Server** databases, creating efficient schemas, indexes, and stored procedures to enhance performance and ensure scalability.
* Developed complex **SQL** queries, stored procedures, and triggers to manipulate and retrieve data from relational databases efficiently.
* Developed scalable applications using **NoSQL** databases, selecting the appropriate **NoSQL** technology based on data requirements and application use cases.
* Customized **Swagger** documentation to include detailed descriptions, parameter specifications, and response types, enhancing the clarity and usability of **API** endpoints.
* Utilized **Postman** for testing and validating **API** **endpoints**, creating comprehensive test suites to ensure the reliability and correctness of **API** functionality.
* Gathered User Requirements, involved in grooming to break it into stories, and designing the acceptance criteria.

**Environment:** Agile, Scrum, ASP.NET Core, Blazor, ASP.NET MVC, Angular, Bootstrap, C#, HTML, CSS, JavaScript, SQL Server, NoSQL, SQL, AWS( EC2, CloudWatch, Security Groups), ADO.NET Core, Entity Framework, LINQ, Visual Studio, Visual Studio Code, X-Unit framework, Postman,Swagger, TDD, OAuth2, JWT**,** Git, Entity Framework Core.

**Client: Tennessee Department of Agriculture, Nashville, Tennessee Nov 2019 – Jun 2021**

**Role: Full Stack .net Developer**

**Responsibilities:**

* Worked on **Agile** Methodology to meet timelines with quality deliverables.
* Setup development environment using latest **Blazor.Net** with **Asp.Net Core.**
* Used **AngularJS** filters for search, sorting, pagination, custom filters and **ASP.NET MVC** Data Annotations to do validations on the Model Data.
* Designed and implemented **RESTful** APIs using **ASP.NET Core,** ensuring efficient data exchange and integration with various client applications.
* Extensively worked with **LINQ** provider and designed the user level application, which will build and execute a query expression for Server Side.
* Developed reusable libraries and components in **C#** to promote code reuse and simplify application development across multiple projects.
* Configured **Visual Studio Code** settings and workspaces to enhance productivity, enabling seamless collaboration and code management across projects.
* Developed robust data handling mechanisms with **ADO.NET Core,** including parameterized queries and transaction management to ensure data integrity and security.
* Enhanced application performance and user experience by utilizing partial views, view components, and **AJAX** in **ASP.NET MVC** applications.
* Integrated authentication and authorization mechanisms in **ASP.NET Core** applications, ensuring secure access control and data protection.
* Used **jQuery, JSON** for dynamic user interface, retrieval and posting of data and Ajax to fetch data from controllers to update user data asynchronously.
* Involved in coding and designing using **C#, XML, ADO.NET, WCF, JavaScript, Underscore JS, jQuery, HTML**, and **Cascading Style Sheets (CSS).**
* Designed and developed **UI**, **User Controls,** and Client-Server Side Validation Controls using **Web** **API**, **JavaScript**, **Bootstrap, Knockout JS, Angular, AngularJS, Redux, Saga** and **Ajax.**
* Created **Azure** **Pass** services like Functions, **Azure** **storage** **Queues**, **Azure** **Cosmos** **DB**.
* Used **ADO.NET** and **LINQ** queries for retrieval of data from **AZURE** **COSMOS** **DB** using disconnected architectures.
* Implemented data models and queries for **NoSQL** databases to handle large volumes of unstructured data efficiently and ensure high availability and fault tolerance.
* Utilized **SQL** for data analysis and reporting, generating insightful reports and visualizations to support business decision-making processes.
* Implemented data backup, recovery, and security measures in **SQL Server** to safeguard critical data assets and maintain data integrity and availability.
* Automated **API** testing with **Postman** collections and environments, enabling continuous integration and delivery workflows to maintain high software quality.
* Created Template driven and Reactive forms for building complex forms.
* Implemented data access layer using **Entity Framework** to connect, retrieve and update data from **SQL server.**
* Written multiple Stored Procedures, Triggers, and functions in **SQL** **Server**.
* Contributed to QA testing when needed by drafting story test cases in **JIRA**.
* Used **GitHub** for version Control and source code maintenance needs.

**Environment:** Agile, Blazor, ASP.NET Core, ASP.NET MVC, AngularJS, Web API, C#, JavaScript, HTML, CSS, XML, LINQ, Underscore JS, jQuery, Bootstrap, Knockout JS, Angular, Redux, Saga, ADO.NET Core, Entity Framework, LINQ, Visual Studio, Visual Studio Code, Azure Pass, Azure Cosmos DB, SQL Server, GitHub, Postman.

**Client: Fortis Healthcare, Gurgaon, India Aug 2017 – Sept 2019**

**Role: .net Developer**

**Responsibilities:**

* Involved in the **SDLC** of requirement analysis, design, and development of the web-based application in the fast-paced agile methodology.
* Designed and developed web application using **ASP.Net Web forms** and implemented Master page, user controls, validation controls in web forms.
* Designed and developed web pages using **ASP.NET MVC, C#.NET, HTML, CSS, JavaScript**, **jQuery** and **Bootstrap**.
* Efficiently designed Views, Partial Views, View Models and Action Filters in **ASP.NET MVC.**
* Migrated legacy .**NET Framework** applications to **.NET Core**, optimizing code and utilizing new features to enhance functionality and maintainability.
* Optimized **Entity Framework** queries and configurations to improve performance, reducing latency and enhancing application responsiveness.
* Developed user interface by using **Telerik Kendo UI, jQuery, JavaScript, JSON, AJAX, and HTML**.
* Developed **UI** with expertise in **AJAX, JavaScript, jQuery, HTML5, CSS3.**
* Developing the application using **MVC**, **Entity** **Data** **Model** and **RESTful** and **WCF** services.
* Implemented **HTML** Helper **MVC** Web Grid with **jQuery** for boosting the pagination performance and load graphical data with **JSON** and also supporting custom searching along with sorting the data with partial views.
* Managed **TFS** for source code repositories and version control, ensuring code integrity and team collaboration.
* Customized **Visual** **Studio** **IDE** with extensions and tools to improve coding efficiency, error detection, and project management.
* Integrated **xUnit** tests into **CI/CD** pipelines to automate testing and provide continuous feedback on code changes.

**Environment:** ASP.NET Web Forms, ASP.NET MVC, .NET Core, C#, HTML, CSS, JavaScript, jQuery, Bootstrap, Telerik Kendo UI, Entity Framework, RESTful services, WCF, TFS, Visual Studio, xUnit, CI/CD, AJAX, JSON, HTML, jQuery.

**Client:** **HDFC Life, Mumbai, India Jun 2015 – Jul 2017**

**Role: .net Developer**

**Responsibilities:**

* Collaborated in **Agile** sprints, ensuring timely software releases through cross-functional teamwork.
* Developed **ASP.NET MVC** components to enhance application performance and user experience.
* Implemented **C#** code adhering to object-oriented principles for maintainable, high-performance applications.
* Secured **RESTful** services with **OAuth** and **JWT** for robust authentication and authorization.
* Optimized database interactions using **ADO.NET** with connection pooling and transactions.
* Created **RESTful** services with **ASP.NET Web API** for seamless client-server data exchange.
* Utilized **AngularJS, TypeScript, CSS,** and **HTML** for rich user interface implementation.
* Utilized **TFS** for **agile** project management, enabling task tracking, sprint planning, and team collaboration.
* Built, deployed, and managed complex applications across platforms using the .**NET Framework.**
* Wrote **SQL** scripts in **T-SQL** for **SQL** **Server** database schema creation with foreign key relations.
* Developed, debugged, and deployed .NET applications efficiently using **Visual** **Studio**.
* Implemented unit tests with **xUnit** to ensure code quality and functionality, following test-driven development principles.

**Environment:** ASP.NET MVC, ASP.NET Web API, AngularJS, C#, TypeScript, T-SQL, TFS, Visual Studio, xUnit, SQL Server, OAuth, JWT, Agile.

**EDUCATION:**

JAWAHARLAL NEHRU TECHNOLOGOICAL UNIVERSITY Hyderabad, TS, India

BTech in COMPUTER SCIENCE AND ENGINEERING June 2011 - March 2015 Major in Computer Science