

MOUNI SOUNDARYA

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Senior .Net Full stack developer

PROFESSIONAL SUMMARY:

- 8+ years of experience in Software Design, Development, Testing and Implementation of Client/Server and web - based applications.
- Solid understanding of newly introduced features in **.Net framework 4.6.1/4.6/4.5, ASP.NET MVC 5, Web API and LINQ.**
- Experience in developing web applications using **MVC, Angular, ASP.NET, OOPS, C#, VB, ADO.NET, WCF, WPF, LINQ, Entity Framework, JavaScript, jQuery, Ajax, CSS.**
- Experienced **.NET developer** skilled in **Agile and Scrum methodologies**, adept at delivering high-quality software through iterative development, daily stand-ups, **sprint planning, and CI/CD pipelines.**
- Skilled in utilizing **JSON and XML** for data serialization and deserialization in .NET applications, enabling efficient data exchange and integration with various web services.
- Proficient in utilizing **Azure services and DevOps** practices to automate **CI/CD pipelines**, manage deployments, and monitor application performance, ensuring high availability and scalability of .NET applications.
- Developed **UI modules** using **AngularJS, Vue.js, Node.js, JavaScript, Ajax, jQuery, CSS3, HTML5, Bootstrap, and jQuery**, creating dynamic and interactive web applications.
- Proficient in database modeling and **PL/SQL** development with **Oracle, SQL Server, and MySQL**, and experienced in data access layer development using **Entity Framework and LINQ to SQL.**
- Expertise in designing and implementing **API Gateways**, integrating **MongoDB** for optimized **NoSQL** management, and developing **RESTful web services** using **WCF in C#/VB.NET.**
- Developed rich UI modules using **AngularJS, Vue.js, and JavaScript**, incorporating custom directives and filters, and created responsive web applications with **ASP.NET and AJAX.**
- Skilled in managing deployments, configuring environments, and monitoring application performance with Azure services, supporting the development and operation of robust .NET applications.
- Proficient in creating responsive web applications with a variety of technologies including AngularJS, Vue.js, JavaScript, **ASP.NET, and AJAX**, ensuring a seamless user experience across devices.
- Skilled in using **Jest** for unit testing, **Git** for version control, **SonarQube** for code quality analysis, and **Log4net** for comprehensive logging, with experience in **Visual Studio and VS Code** for **.NET and Angular** development.
- Expertise in server-side programming, creating and using Tables, Database schemas, Writing Complex Queries, Stored Procedures, **Triggers, Cursors and Indexers.**
- Experience in designing and developing enterprise applications using **MVC (Model View Controller) Architecture.**
- Experienced in generating reports using **AJAX**, ensuring dynamic, real-time data retrieval and enhancing the interactivity of web applications.
- Proficient in using **N Unit** for unit testing, which ensures code reliability and facilitates test-driven development practices.
- Implemented **Service-Oriented Architecture (SOA)** with expertise in **SOAP and RESTful** web services, providing scalable and maintainable solutions.
- Skilled in using **Microsoft Message Queuing (MSMQ)** for asynchronous messaging, enabling reliable inter-process communication and efficient data handling in .NET applications.
- Proficient in **TypeScript**, which allows for the development of scalable and maintainable **JavaScript** applications, enhancing code quality and simplifying debugging.
- Experienced in using Karma and Jasmine for unit testing and behavior-driven development, ensuring software reliability and performance through consistent automated testing.
- Extensive experience with **Amazon Web Services (AWS)**, focusing on services like EC2, Elastic Beanstalk, CloudWatch, CloudFront, CloudFormation, IAM, S3, RDS, ElastiCache, SNS, SQS, and AMI, supporting the development of scalable, secure, and efficient cloud solutions.
- Adept at using **AWS** for a range of cloud services, including compute power, database storage, and content delivery, enabling businesses to scale and grow effectively with a secure and versatile cloud platform.

TECHNICAL SKILLS:

Languages	C Web Forms, Win Forms, ASP.NET, ADO.NET, VB.Net, Net Framework.
.Net Technologies	WPF, Web & WCF Services, AJAX, XML, XSLT, HTML, WSDL, Microsoft Azure, XAML, Core 5.0.
Web Technologies	ASP.NET, ADO.NET, LINQ, IIS, Web Services and WCF
Relational Databases	SQL server, MySQL.
NOSQL Databases	MongoDB
S SQL Databases	MSSQL, MySQL.
Internet Technologies	HTML, JavaScript, CSS, jQuery, Angular.

Cloud Environments	Azure, AWS, Kubernetes.
Operating system	Windows 10, Linux, Unix
Bug tracking Tools	SonarQube scanner, JIRA, Bugzilla.
Reporting Tools	SQL Server Reporting Services (SSRS), Crystal Reports.
Methodologies	Agile, waterfall, TDD (Test-Driven-Development), Scrum
Developer IDE Platforms	Visual studio, VS code, Notepad++, SSMS.
Web Services	SOAP, REST

PROFESSIONAL EXPERIENCE:

Morgan Stanley, Chicago, IL

March 2023 to Present

Senior .Net Full stack developer

Responsibilities:

- Involved in the complete life cycle (SDLC) of the project, including (design, development, and implementation, testing, support, and production maintenance).
- Developed a dynamic web application utilizing **Blazor technology with .NET Core 7.0**, achieving enhanced user experience and efficient component-based architecture.
- Utilized Radzen components to construct **UI forms**, leveraging cutting-edge **Blazor technology** for seamless user interaction and interface development.
- Developed a reusable **Razor** component for widespread implementation throughout the solution, streamlining development and promoting code efficiency and consistency.
- Integrated Radzen Notification Service and Radzen Dialog Service, enhancing user experience with interactive alerts and dialog boxes across the application.
- Utilized **Angular 15 with .NET Core 7.0** to develop dynamic, single-page applications, ensuring efficient communication between the **Angular front end and .NET Core back end** through **RESTful APIs** and real-time data updates using **SignalR**.
- Developed robust web applications using the **latest Angular 16 and .NET Core 7.0**, creating responsive user interfaces and efficient **RESTful APIs**. Leveraged Azure Functions and Azure Blob Storage for scalable, cloud-based data processing and storage solutions.
- Implemented Authentication State Provider to manage user authentication, ensuring secure access control and streamlined authentication processes within the application.
- Utilized Fluent Validations framework to ensure validation of mandatory fields, enhancing application reliability and user experience through robust data validation.
- Developed the **REST API** to handle all the Business & database operations.
- Designed and developed **SQL** stored procedures to retrieve, save and delete the project related activities.
- Employed **LINQ** to construct dynamic operations, parameters, and expressions for **SQL** Server data retrieval, enhancing flexibility and efficiency during execution.
- Involved in designing the Global Landing page tool to support internal applications during their planned or unplanned outage.
- Contributed to **C#.NET** development by creating essential classes and interfaces, facilitating code organization and functionality within the project.
- Involved in Web Application using **MVC3/MVC4 , WEB API**.
- Converting all **SSIS packages** to console applications using **C# and PowerShell**.
- Employed **NetScaler** commands to redirect application traffic to a Global Landing page dynamically, enhancing user experience and site navigation efficiency.
- Developed and deployed a Worker service to automate periodic data retrieval from **SQL tables**, enhancing data processing efficiency and timeliness of updates.
- Led the migration of SQL data to **MongoDB** using third-party tools, implementing Mongo Client calls and Dependency Injection to optimize data handling and improve scalability.
- Integrated **Apache Kafka** for real-time data streaming within a microservices architecture, facilitating efficient communication and data synchronization across distributed .NET applications.
- Utilized **Visual Studio** for comprehensive IDE support, including code editing, debugging, and integration with **Azure** services, ensuring streamlined development and deployment of .NET applications.
- Utilized **EPPlus** library for exporting SQL data to spreadsheets and integrated **Serilog** for logging sensitive operations, enhancing data reporting and application monitoring.
- Involved in Analysis, Design, Development and System Testing, followed **Agile-Scrum methodology**.
- Managed source code with **GitHub** Enterprise and monitored server health and analytics using **Grafana**, ensuring efficient collaboration and system performance.

Environment: Net Framework Core 5.0, IIS, blazor 3.2, Fluent Validation, Grafana, Microsoft Azure, Azure DevOps MSSQL, Serilog, BitBucket, Visual studio, VS Code, SSMS, Studio 3T (Mongo)

Senior .Net Full stack developer**Responsibilities:**

- Involved in the complete life cycle (**SDLC**) of the project, including (design, development, and implementation, testing, support, and production maintenance).
- Developed **Angular 7** applications, facilitating interaction with **C# Web API REST services** for robust and efficient data exchange.
- Worked with **ASP.NET MVC 4.0** for creating views to display data by making Ajax calls to action methods in **MVC** controllers.
- Developed **Web API** to manage business and database operations efficiently, leveraging Entity Framework for seamless data interaction and manipulation.
- Responsible for various applications built with **Asp.Net, C#, Web API, HTML5, CSS3, JavaScript, Angular 14 and WCF** components Design, Coding/Development and Testing.
- Performed **MS-SQL** Server database administration, maintenance, and schema design, ensuring optimal performance and data integrity within the technology stack.
- Involved in creating various **SQL Queries, SQL scripts, relational databases**, Stored Procedures and **Triggers** with SQL Server 2012.
- Developed a windows service to handle the background operations with multi thread & batching process.
- Used Microsoft Team Foundation Server (**TFS**) and **GitHub** enterprise for all the source code maintenance among the whole team members.
- Employed **LINQ** for constructing dynamic operations, parameters, and expressions, enhancing **SQL** Server data execution efficiency and flexibility within applications.
- Participated in migrating the application's architecture from **.NET Framework to .NET Core 3.0**, enabling hosting on Linux servers for improved performance.
- Developed essential classes and interfaces using **C#, NET**, and implemented **single sign-on (SSO)** to enhance user authentication and security.
- Utilized **GitHub** Enterprise Server for version control, ensuring efficient collaboration, code management, and seamless integration within the development team.
- Developed pseudo functionality to automatically generate translated files, streamlining localization processes and ensuring consistent multilingual support across the application.
- Migrated legacy stacks from **Bitbucket to GitHub** Enterprise and developed a **Job Logger**, saving users approximately 10 hours weekly.
- Wrote and executed **N Unit test** cases, resolving application bugs by coordinating with team members using Rally for efficient project management.
- Utilized **Microsoft Azure DevOps for CI/CD** to deploy applications and manage cloud servers, ensuring efficient and reliable cloud-based operations.
- Utilized **Go Pipeline** for deploying the legacy stack, streamlining the deployment process and ensuring smooth transitions and minimal downtime.
- Utilized **Kibana** for visualizing **Kafka** topic messages, enabling data search and failure identification in **Kafka** message streams. Converted **AEM Classic UI** components to **Touch UI**.
- Built and executed unit and integration tests with **MS Test**, and used Git for version control and code merging, ensuring effective code management and collaboration.
- Involved in analysis, design, development, and system testing, adhering to **Agile-Scrum methodology** for efficient and iterative project management.
- Utilized **Banyan UI** to load logs across all environments and employed **Kibana** for log verification and filtering, ensuring data accuracy.

Environment: Net Framework 4.0/4.5, Core 3.0, Entity Framework 4.6, HTML, AJAX, CSS, Angular7, IIS, Rally, Kibana Banyan UI, Microsoft Azure, Azure Devops, Go Pipeline, Kibana, MSSQL, Log4J, GitHub, Visual studio, VS Code.

State of New York**March 2019 to Aug 2021****.Net Full stack developer****Responsibilities:**

- Developed **RESTful APIs** and web services using Microsoft **Web API framework**, ensuring efficient client-server communication for various applications.
- Developed comprehensive unit, integration, and regression tests in a test-driven development environment, ensuring robust and reliable software performance with early defect detection.
- Implemented **Object-Oriented design** patterns like **MVC and MVVM**, tailoring solutions to project needs, promoting code reusability, maintainability, and efficient design architecture.
- Authored detailed help documentation for **API libraries**, including example objects, enhancing usability and understanding. Utilized **ASP.NET** Validation controls for client-side validation.

- Developed essential classes and interfaces using **C# .NET**, contributing to robust, scalable, and maintainable application architecture, supporting various software functionalities.
- Developed web applications utilizing **jQuery** libraries for consuming, monitoring, and testing API methods, ensuring seamless API interaction and efficient debugging.
- Integrated **React 18 with .NET Core 7.0** to develop responsive and dynamic single-page applications, ensuring seamless interaction between the React front end and .NET Core back-end services through **RESTful APIs**, enhancing user experience and application performance.
- Developed modern web interfaces using **React 18 and .NET technologies**, combining React for dynamic, component-based **UI** development with **.NET Core 7.0** for robust back-end logic, resulting in highly interactive and scalable web applications.
- Created user interfaces with **Bootstrap, HTML5, and Angular 4**, delivering responsive, dynamic, and user-friendly front-end experiences.
- Built Entity Framework models and executed **LINQ** queries for database interaction. Documented functional and technical specifications for intricate business workflows.
- Created Inbound and outbound **WCF services / Web Services, MSMQ** have been created to integrate with email client and support applications.
- Implemented **MVC** architecture and coded Web **API REST** services using **C# .NET and ASP.NET**, employing **MVC5.0** and Singleton design patterns for robust development.
- Developed dynamic **ASPX** web pages with **ASP.NET, C#, HTML5, XSLT, and JavaScript**, incorporating custom error handling through Custom Error pages and Error logs.
- Utilized **N Unit testing** framework to write and execute test cases, ensuring functionality and reliability of web applications through comprehensive testing.
- Built an isomorphic application with **React.js** and **Redux** using **Graph QL** for server-side logic and created **GUI** specifications for screens using **Azure RP**.
- Experience with building Docker Images and running them on Docker container and host in **Linux server**.
- Configured and Maintained **AWS ECS** Repository for Deploying Docker Image by Creating a task definition, scheduling tasks and configuring clusters in the **AWS ECS Console**.
- Monitored internet traffic using New Relic and configured **IIS 7.0** for building, publishing, and deploying the application to the production server.

Environment: Net Framework 4.0, Visual Studio 2008, ASP.NET3.5, C#, ADO.Net, AJAX, XAML, XML, SOA, SOAPWCF, WPF, MVC5.0, Oracle 11g, SQL Server 2008, SSIS, SSRS, Angular 4, HTML5, JavaScript, JQUERY SVN1.6.3NUnit2.5.2, IIS 7.0, Windows Server 2003., Share Point.

Bank of America

June 2017 to Dec 2018

Full Stack .Net developer

Responsibilities:

- Building a new application from scratch using the latest **asp.net4.0 framework** & Windows communication foundation classes (WCF) using **SOAP & REST**.
- Configured the application development environment with ClearCase and ClearQuest, managing source control and project tracking efficiently.
- Identified modules and sub-modules, creating detailed effort estimations. Proficient in using **ASP.NET Ajax and jQuery** for dynamic web functionalities.
- Utilized **Ajax Tab** control, Update Panel, Script Manager, Modal Popup Extender, Masked Edit Extender and Masked Edit Validator for validations.
- Hands on experience in using the Windows communication foundation classes (**WCF**) & **Web Services**. Communication with external web services like **WEBMD** for fetching the messages.
- Responsible for maintaining versions of source code using Team Foundation Server 2010.
- Utilized **Belong Networks CMS** for creating web pages and **Sitecore CMS** to design **.NET application** features, streamlining content management and functionality development.
- Hands on experience in customizing the .Net provided controls. Extended & enhanced the functionality by using **Asp.net, AJAX and jQuery API**.
- Developed business-facing front pages using **Angular 10, CSS3, HTML5, JavaScript, and Bootstrap**, creating visually appealing and responsive user interfaces for end users.
- Implemented cross-browser compatibility and mobile-friendly designs with **Bootstrap**, and developed custom **Angular 10** components from scratch, tailoring libraries to meet application functionality.
- Designed the **3-tier** technical architecture with **MVC**, utilized **Angular 2 and MVVM** for web app development, ensuring efficient structure and functionality.
- Organized user input sessions, designing and constructing proof of content applications using **.aspx pages**, ensuring alignment with user requirements and efficient development.
- Responsible for writing the code in **Microsoft Visual Studio.Net2008 with ASP.Net** using code behind **C# & Microsoft testing** tests.

- Enhanced **GUI with WPF** for improved aesthetics. Proficient in **XML and XAML** serialization. Diligently debugged and resolved bugs across all stages of application development.
- Utilized **WCF and WPF** to consume web services for online transactions, exposing them through **HTTP**. Implemented custom search with SharePoint API.
- Developed web pages using **WPF and Silverlight technologies**, using their capabilities. Captured GUI Map files for **QTP Tool** to automate testing processes.
- Utilized **AWS services** for cloud deployment and management, employing Amazon EC2 for scalable server hosting and **AWS RDS** for efficient **SQL Server database management**, ensuring secure, high-performance, and cost-effective solutions for application hosting and data storage.
- Troubleshoot and debugged application intricacies, ensuring functionality. Consumed web services for online transactions and implemented custom search functionality with **SharePoint API**.
- Consistently authored technical specifications, design documents, deployment guides, and operational support materials. Provided pivotal support to operations teams, resolving production issues during deployment and ensuring ongoing system reliability and efficiency.

Environment: .NET FRAMEWORK, WCF, LINQ, ASP.NET, ADO.NET, C#, ASP.Net, WINDOWS SERVER 2008, Visual Studio, SQL SERVER, Entity Framework, TFS, XML, XAML, HTML, SOAP, IIS, Angular 2.0, JAVASCRIPT, CSS.

Dhruvsoft Services Private Limited, Hyderabad, India

Nov 2015 to May 2017

Associate .Net developer

Responsibilities:

- Designed and developed user controls for accepting customer inputs and presenting records/results to customer using **ASP.NET**.
- Developed new services and classes, enhancing existing ones for efficient database access using **C# .NET**, ensuring robust and scalable application functionality.
- Utilized Custom **Validation and JavaScript** for registered user access. Implemented input validation with **ASP.NET** controls and JavaScript for data integrity.
- Provided session security and role-based authentication using session objects and cookies. Developed dynamic menus based on user privileges.
- Created interactive web pages with **ASP.NET, C#, and ADO.NET**. Wrote and debugged **SQL Server** stored procedures and functions for data manipulation.
- Developed dynamic, responsive web pages using React in conjunction with **ASP.NET**, enhancing user interaction and front-end performance through the creation of reusable components and efficient state management.
- Utilized **JavaScript, HTML5, CSS, and CSS5** for developing user interfaces, and built administrative interfaces with **JSP, JSP, Node.js, and Backbone.js**.
- Used **Microsoft Visio 2008** to create detailed mockup pages, which were then presented to end clients for approval, ensuring alignment with their requirements and expectations before proceeding with development.
- Developed **WCF** service to retrieve customer details efficiently, ensuring robust and secure data exchange between client applications and the server.
- Utilized **Angular** as a library for **DOM** manipulation, enhancing dynamic content updates and improving the responsiveness and interactivity of the web application.
- Created **.ASPX** pages using **C#** to meet specific client requirements, providing customized and functional web interfaces tailored to user needs.
- Developed **N-tier .NET** applications using **SOAP**-based web services and created middle-tier components with **VB.NET**, including **WCF** services for customer data retrieval.
- Created applications using **C# and XAML** on Windows Forms and **WPF**, applying object-oriented design principles and design patterns like **MVVM, MVC, and MVP**.
- Developed application layers, including business logic and data access, using **.NET 4.5, C#, MVC 5, ASP.NET, ADO.NET, AJAX, WCF, and SQL Server 2012**.
- Extensively used advanced **PL/SQL** concepts like bulk collect, bulk bind, and composite data types to build complex database objects, and employed **SQL Profiler** for troubleshooting, monitoring, and optimizing **SQL Server** and **T-SQL** code.
- Implemented client-side routing and state management using **React and Redux**, providing seamless navigation and improving data flow across the application, which integrated with backend services developed in **.NET** for a full-stack solution.
- Involved in unit testing and bug fixing of the project, worked on **SSIS** to update share point libraries from **SQL** server tables.
- Designed and implemented user controls and custom controls, enhancing application functionality and user experience through tailored interface elements and specialized functionality.
- Extensively worked with **C#** for creating classes of this application and integrated with **ASP.NET** pages.

Environment: .NET Framework 3.5, C#, ASP.NET, XML, CSS, ADO.NET, T-SQL, Web Services, Windows XP, SQL Server, SSRS, IIS.

EDUCATION

Bachelor's in computer science

VIGNAN UNIVERSITY, VADLAMUDI

July 2011 to May 2015