**CHANDU SIRIKONDA**

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**Sr. .NET Full Stack Developer**

**Professional Summary**

* Over 9 years of professional experience as a software developer in all stages of SDLC (Software Development Life Cycle) including Requirements Analysis, Design, implementation, Build, Debugging, and Testing, Acceptance, Maintenance, and Production Support.
* Extensive experience in designing and developing software applications with the C#, .NET Framework (4.6.2/4.0), ASP.NET MVC 6.0/5.0, Win Forms, ADO.NET, AJAX, LINQ, DAPPER, WCF, WPF, CSS, Web Services, IIS 7.0/6.0, Reporting Tools, JavaScript, TypeScript, JQuery, XML, Angular JS, Angular 2+, Bootstrap, Telerik Controls.
* Worked on Microsoft Azure Cloud with PaaS and IaaS Model Services such as App Services, Virtual Machines, Storage, SQL Databases, VNets, Security Groups, ARM, PowerShell, Azure AD, Load Balancers, Monitoring with Log Analytics, Application Insights.
* Experience in using React JS components, Forms, Events, Keys, Router, Redux, Animations, and Flux concepts.
* Extensive professional experience in Healthcare, Commercial, and Financial Domains on web-based applications.
* Hands-on experience in data structures, algorithms, and Objected-oriented programming.
* Main expertise lies in the design and development of Desktop (Windows) and Web Based solutions using technologies like Microsoft .NET Framework 3.5/4.0 using C# and ASP.NET.
* Used N-tier architecture for the presentation layer, the Business, and Data Access Layers and were coded using C#.Net.
* Extensive use of Object-Oriented Design/Development (OOD), Parallel programming, Multi-threading, MVC in ASP.NET, Test-Driven Development (TDD), and Behavior Driven Development (BDD) to develop solutions for Client Server Architecture, using tools such as Visual Studio.Net 2008/2010/2013/2015/2017/2019 and VPN.
* QA experience in cross-platform testing of Web-based and console applications.
* Experience using architectural patterns like MVVM and MVC in WPF (Windows Presentation Foundation) and Silverlight applications.
* Experience in developing Web Services to support interoperable machine-to-machine interaction over a network using SOAP over HTTP and WSDL.
* Implemented solid design principles and design patterns during design and development.
* Working knowledge in Developing Windows Services, RESTFul Web Services, Web Forms, SOAP, XML, XSD, XPATH, and IIS.
* Experience with enterprise Database solutions integrated with enterprise GIS solutions.
* Proficient in designing MVC applications, Object Relational Models (ORM) using RESTful Services, and programming APIs.
* Expertise in working with Graphical User Interface (GUI) web development using technologies like Master Pages, AJAX Controls, jQuery, and CSS.
* Experience with Data Accessing using LINQ (Language Integrated Query) for data manipulation.
* Created API for determining the nearest viable shipping location for material sales website (Node.js)
* Expert knowledge of versioning tools like TFS (Team Foundation Server),Tortoise SVN, Visual Source Safe, and GIT.
* Experience in software Unit testing, Acceptance testing, and efficient at fact-finding, root cause analysis, and bug-fixing using various Bug Tracker Tools such as JIRA, Bugzilla, Quality Center, and ALM.
* Experience in writing complex Stored Procedures, Functions, Triggers, Indexes, SQL Queries, and Views using SQL Server 2014/2012/2008/2005 and optimizing queries using SQL Query Analyzer, stored procedures, and triggers.
* Created deployment packages for applications using Visual Studio.Net startup project, which involves creating a native image of an assembly, and installing an assembly in Global Assembly Cache (GAC).
* Experience and good at bug diagnosing and fixing, code reviews, and Unit & System testing.
* Experience with Test-Driven Development (TDD) like N-Unit testing frameworks and MS unit Tests.
* Communicated effectively with teammates, ensuring smooth collaboration and project success.

**Technical Skills**

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| Programming Languages | C, C#.Net (4.0/3.5/3.0), VB.NET (10.0/9.0/8.0/6.0), C++, HTML, T-SQL, PL/SQL |
| Web Technologies | ASP.NET 4.0/3.5/3.0/2.0, ASP.net MVC, MVP, Ajax 3.0/2.0, JavaScript, jQuery, React JS, Node JS, VB Script, bootstrap, Kendo UI, Angular JS, Angular 2/4/6/7/8/9 |
| Xml Technologies | XAML, XML, XDOCUMENT, XSLT, XSL |
| Desktop Technologies | Win Forms, WPF |
| IDE Tools | Visual Studio2019/2017/2015/2010/2008/2005, SQL Server Management Studio |
| .Net Frameworks | Net Framework 4.6/4.5/4.0/3.5/3.0/2.0/1. x |
| Databases | MS SQL SERVER 2012/2008, MS Access 2010/2007/2003, Oracle 10g/8i, MongoDB |
| Reporting Tool | SQL Server Reporting Services (SSRS 2008/2005), SSIS, Crystal Reports (2010/ 09/ 8.5/8) |
| Modeling Tools | UML, MS Visio |
| Version Control Tools | SVN, Team Foundation server 2013, GitHub |
| Middleware | Web API, Azure, WCF, ADO.NET4.0/3.5/3.0/2.0, Web Services, Enterprise Library5.0/4.0/3.1 |
| Testing Tools | Jasmine, Karma |

**Professional Experience**

**Sr. .NET Full Stack Developer**

**Mckinsey, New York city, US March 2023 to Present**

**Responsibilities:**

* Responsible for analysis, design, implementation, management, and maintenance of the full software development life cycle (SDLC) project.
* Act within a cross-functional, scrum-based team focused on agile and continuous software delivery.
* Web development using C# within the integration project, assist in the transition from AngularJS to Angular8 for the integration project, and worked on designing templates.
* Develop dynamic and responsive single-page applications (SPAs) using AngularJS 1.6, and designing UI Pages and UI Layouts to enhance user interactivity and experience.
* Develop UI Pages and Layouts by using HTML5, CSS3, jQuery, JavaScript, Typescript, Bootstrap, and Material UI.
* Strong technical and platform knowledge, in the areas of .Netcore and C# to support as well as design, develop, and deploy requested updates to new and existing cloud services.
* Developing APIs for Integration Project, Implemented and extensively used the Object-Oriented Programming concepts in C#, Solid principles.
* Experience with developing, implementing, monitoring, and troubleshooting applications in the Azure cloud. Designing and implementing web services with security.
* Tying the applications for the Integration Project into the backend using Azure Cosmos and MS SQL 2014 database.
* Responsible for checking cross-browser compatibility, Responsive Web Design and hence worked on different browsers like Safari, Firefox, Google Chrome, and Internet Explorer.
* Used GIT for source code version control.
* Development of both unit testing and system testing scripts that will be incorporated into the QA process.
* Automating all deployment steps with infrastructure as code (IAC) and Jenkins pipeline as code (JPaC) concepts.
* Used SonarCube for verifying the code coverage and fixing vulnerabilities.
* Develop and implement new ideas for cross-platform integrations involving multiple technology stacks for better software/application architecture.
* Develop existing system architecture to help in migrating from legacy systems to a more efficient architecture. Address/fix security vulnerabilities in current systems.
* Spearheaded the implementation of CI/CD pipelines using Jenkins, ensuring faster and more reliable deployment processes.
* Maintaining the team’s capacity and supporting them in peer reviews and development
* Team player and actively participating in resolving the dependencies across teams.

**Environment**: .NET Core, C#, AngularJS, Angular 8, HTML5, CSS3, jQuery, JavaScript, TypeScript, Bootstrap, Material UI, Azure, Azure Cosmos DB, MS SQL Server 2014, Visual Studio, GIT, Jenkins, SonarQube, IIS, Agile methodologies, Scrum, Object-Oriented Programming (OOP).

**Sr. .NET Full Stack Developer**

**United Bank, Arlington, VA January 2021 to February 2023**

**Responsibilities:**

* Design Database (Creating Tables, Stored Procedures, Views, Index and Relationships).
* Writing SQL Scripts to Retrieve Data to Migrate Data from Different Data Sources (SSIS.
* Writing SQL Scripts for Data Sets to Generate Reports from (SSRS).
* Implemented security using forms-based security and windows-based authentication.
* Implemented AngularJS routing by using route Provider service to link between views and controllers.
* Migrated Applications from KnockoutJS and AngularJS to Angular 8.
* Implemented client-side common libraries by using Angular 8.
* Designed and developed custom Angular Factory services to call an ASP.NET Core WebAPI to retrieve data.
* Used JQuery and AJAX to make asynchronous calls to the server that can be processed by ASP.Net Core MVC controllers.
* Used MVC5new feature to enable Attribute Based Routing to gain URLs control.
* Extensively used Twitter Bootstrap, KendoUI, and jQuery chaining to make UI design more dynamic.
* Designed and developed MVC and Webforms.
* Designed and developed views for various pages using Razor Syntax.
* Used Entity Framework code first extensively to add migrations and to update the database.
* Implemented object-oriented SOLID design principles patterns like Creational and Structural to make classes more loosely coupled.
* Used Auto Mapper to map View Models to DTO and dtos to entities.
* Used Fluent Validation for building custom validation rules to validate the View Models.
* Used Dependency Injection of the Services and Domain Layer.
* Worked on applications using MVC and KendoUI.
* Constructed a RESTFul web service that returns JSON data with Entity Framework and ASP.Net Core WebAPI.
* Used GIT extensively to maintain source code repositories.
* Jenkins server is used for building and publishing code to staging and production environments.
* Effective understanding of OAuth authentication, interaction with protected data and bi-directional access automatically in web applications.
* Hands-on experience on Azure VPN-Point to Site, Virtual networks, Azure Custom security, Endpoint security, and a firewall. Hands-on experience in Backup and restoring Azure services. a
* Deployed the tools Microsoft Azure Cloud Service (PaaS, IaaS), and Web Apps.
* Involved in production support
* Designed and developed unit and integration tests using NUnit and MOQ framework to test the individual pieces of the functionality.

**Environment**: .NET Framework, ASP.NET Core, MVC 5, Web API, JSON, HTML, JavaScript, TypeScript, AngularJS, Angular 8, KnockoutJS, jQuery, AJAX, Razor Syntax, Bootstrap, KendoUI, SQL Server 2014, Entity Framework, SSIS, SSRS, T-SQL, PL/SQL, AutoMapper, Azure, Azure Cosmos DB, Azure Virtual Networks, Azure Custom Security, Endpoint Security, Firewall, Azure.

**.NET Full Stack Developer**

**State of Oregon Government Administration, Salem, OR June 2018 to December 2020**

**Responsibilities:**

* Involved in various phases of the Software Development Lifecycle (SDLC) of the application like Requirement gathering, Design, Analysis, and Code development.
* Involved in developing front end using HTML 5, Bootstrap, KendoUIandCSS3for desktop as well as tablet view.
* Developed Client-side code using ReactJS, NodeJS, JQuery, and JavaScript.
* Easily authenticated users to obtain access tokens by using AAD authentication libraries for .NET, and JavaScript.
* Experience with Telerik and Kendo Controls for Dropdowns, Grids, and Progress bars.
* Involved in integrating Sitecore6.0 for templates, layout, control rendering, placeholder, and content.
* Worked on razor pages in ASP.NET 4.5web application which is in MVC4 architecture using C# as code behind and back end in SQL Server 2012.
* Implemented best design patterns such as n-tier, MVVM, Repository, and Singleton for designing key reusable components.
* Extensively worked on WCF and Web Services to provide SOA architecture and configuration-based activation applications on SOAP and REST protocols.
* Implemented server-side rendering with React to enhance SEO and initial load performance.
* Created and consumed the Rest of the full API's using MVC4 Web API's.
* Implemented authentication for NOSQL DB through Cassandra connector scripts for enabling the scripts.
* Involved in migrating SQL Server databases to SQL Azure
* Database using SQL Azure Migration Wizard.
* Created Jobs, Packages, Reporting Services (SSRS), and Integration Services (SSIS) on SQL Server Database.
* Involved in writing PL-SQL Stored Procedures, Functions, and Packages to meet business requirements.
* Involved in developing packages for data loading and extraction using SSIS, C#, and scheduled packages.
* Extensively worked with Team Foundation Source Control (TFS) as the source for version control and project management.
* Experience in service implementation on Windows Azure Platform.
* Used AAD Graph API to programmatically access Azure Active Directory through REST API endpoints.
* Created and maintained web content and email templates relating to Amazon Web Services.
* Plugin development for Microsoft Outlook 2007 to import data to existing web-based System.
* Worked on MVC test Project to create an automated test for simple test cases and for input validation.
* Performed unit testing with the tool NUnit and was involved in the Unit test case, code review checklist preparation, and validation.

**Environment**: Net Framework 4.5, ASP.Net 4.5, ADO.NET, MVC 5.0, SQL Server 2014, Visual Studio 2013, C#, .Net Core, Web API, JSON, HTML, JavaScript, IIS 8.0, NUIT, React JS, WCF, T-SQL,PL/SQL, AZURE, GIT, TFS.

.**Net Full Stack Developer**

**Bed Bath & Beyond, Midvale, UTAH December 2016 to May 2018**

**Responsibilities:**

* Design Database (Creating Tables, Stored Procedures, Views, Index and Relationships).
* Wrote SQL Scripts to Retrieve Data to Migrate Data from Different Data Sources, utilizing SQL Server Integration Services (SSIS) and Azure Data Factory.
* Wrote SQL Scripts for Data Sets using SQL Server Reporting Services (SSRS) and Power BI with Azure Synapse Analytics
* to support business requirements using ASP.NET, C#.NET,ADO.NET, and MVC 3.0.
* Designed and developed application on ASP.Net MVC Framework by using Visual Studio 2013.
* Created and exposed web services using WCF architecture for the client to communicate and exchange data
* Created stored procedures, functions, views, and triggers to retrieve the data from the database Modified existing web application.
* Created web applications with the use of Web Services using ASP.Net Web API.
* Used JQuery for Client-Side Validations, calling the Controller Actions, and making calls to the WCF Services.
* Used ASP.NET Validation Controls and was involved in Client-side validations using JavaScript
* Used AJAX Controls such as Script Manager and Update Panel to develop the rich User Interface
* Utilized Angular's dependency injection and modular architecture for scalable application development.
* Used ADO.NET, Entity Framework extensively for retrieving, querying, and manipulating data in the SQL SERVER 2012.
* Used Cascading Style Sheets (CSS) classes to maintain uniformity throughout the application
* Wrote stored procedures and User Defined Functions to retrieve the data from the central database using T-SQL and PL/SQL.
* Strong skills in SQL and PL/SQL. Backend programming, creating database objects like Stored Procedures, Functions, Cursors, Triggers, and Packages.
* This role involves software development and production support of the trading environment and quick learning on equity trading flows
* Implemented best practices for state management in Angular applications, enhancing application maintainability.
* Worked on Agile Methodology (Scrum Framework) to meet timelines with quality deliverables.
* Used Team Foundation Server (TFS) for Version Control and generated reports using the SQL Server Reporting Services (SSRS)
* Directly accountable for various aspects of product design including assessment, coding, testing, and optimization.
* Involved in code reviews and performance improvement as well as documentation.
* Analysed, designed, and developed web-based database-driven Intranet application programs and components

**Environment**: .NET Framework, ASP.NET MVC 3.0, ADO.NET, C#, SQL Server 2012, Visual Studio 2013, WCF, ASP.NET Web API, jQuery, JavaScript, AJAX, Script Manager, Update Panel, Entity Framework, AngularJS 2, CSS, T-SQL, PL/SQL, Team Foundation Server (TFS), SQL Server Reporting Services (SSRS), Agile methodologies (Scrum Framework).

**.Net Developer**

**Yana Software Private Limited Hyderabad, India August 2014 to November 2016**

**Responsibilities:**

* Implemented application in Agile Methodology (Scrum) from the requirement to deployment
* Developed C#, data grids, and XML to pull data from the database and display it on the UI.
* Adopted HTML, Ajax, and CSS5 to selectively update the browser content and develop modules under MVC3 architecture.
* Used ASPX View Engine with MVC3 framework standards-based web applications using well-established design patterns and the power of ASP.NET and the .NET Framework
* Developed different User controls which input the data and display the data for the web applications using ASP.NET and AJAX.
* Involved in the Analysis, Design, and Development of new releases, features on public sites using ASP.Net, JavaScript, and XSL, XML, SQL, and C #.
* Utilized AWS Cloud Services for deploying and managing .NET applications, ensuring high availability, scalability, and security of web services.
* Used ReactJS for constructing clean, modular, reusable services, models, controllers, templates, data binding, and routing.
* Leveraged AWS Lambda for serverless computing to streamline backend processes.
* Involved in Web Services Testing using Soap UI.
* Created and updated database objects like Complex stored procedures, tables, User defined functions, Views, Triggers, cursors, indexes, and Packages using SQL Server.
* Utilized AWS S3 for efficient storage and retrieval of application data and assets.
* Responsible for designing Test Cases, Scripts, & Conditions for the Unit Testing and Integration Testing to verify and validate the web application.
* Utilized TFS for version control and source code maintenance need.
* Integrated AWS RDS for robust and scalable database solutions, enhancing data management and accessibility.

**Environment**: Agile Methodology (Scrum), .NET Framework, ASP.NET, MVC 3, C#, SQL Server, XML, HTML, CSS5, AJAX, ASPX View Engine, JavaScript, XSL, ReactJS, SoapUI, AWS S3, AWS Lambda, TFS, AWS RDS.

**Education**

**Sreenidhi Institute of Science and Technology July 2010 to May 2014**

**Bachelor’s in Information Technology**