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Portfolio: chaitanyap.tech

Full Stack .NET Developer

Experienced IT Professional with around 6 years of expertise as a confident and casual Full Stack .NET developer. Skilled in designing, developing, and implementing Intranet, Internet, client/server applications, and web development projects. Proficient in MVC, Microsoft .NET Framework, Entity Framework, and a wide range of technologies like Angular JS, Type Script, Vue JS, Express JS, React JS, & Web API 2.0, Bootstrap, JSON, HTML5 and CSS3. Dedicated to delivering high-quality solutions, staying updated with industry trends, and applying innovative approaches to problem-solving. Committed to creating user-friendly and efficient applications while following the Software Development Life Cycle. Excited to contribute my skills and experience to new opportunities.

Summary:

- Extensive Experience in developing legacy and current trending technologies using ASP.NET, Classic ASP, DAOs, ASMX Web Services, WCF, WPF, Win forms, Web Forms, ADO, HTML, XML, Crystal Reports, AJAX and Web Patterns.
- Proficient in developing REST Services and integrating them with Client Server Architecture. Implemented several REST Services with Node JS as Backend and Angular as Frontend.
- Experience in developing ASP.Net Web custom controls, user controls and rich GUI with extensive use of AJAX toolkit, CSS and Master pages.
- Experience in development of ASP.NET Web Forms using HTML5, Telerik controls, jQuery and communicated with database using WCF service.
- Experience with Service Oriented Architecture (SOA) implementing WCF and SOAP and RESTFUL Web Services.
- Experience in designing and branding Master Pages utilizing Server Controls, User Controls, Data Grid control, Forms Validation controls, Custom controls, and CSS.
- Extensive experience in creating rich content Web Forms, Web User Controls, Server Controls, Web Services, WCF Service and Web API Calls.
- Strong experience in analysis, design, development, testing, implementation of database application in Client/ Server application using Oracle 11g/10g/9i/8i, SQL, SQL Loader and open Interface.
- Experience in Azure Cloud Computing, Azure Web Role, Worker Role, Web Jobs, Azure Storage (Azure Blob, Table and Queue Storage), Azure.
- Experienced in Object Relational Mapping (ORM) using ADO.NET, Entity Framework, LINQ, and Lambda expressions.
- Extensive experience in SQL Server Database design (EER), Database maintenance, developing T-SQL queries, LINQ queries, Stored Procedures, Views, Functions, and Triggers using SQL Server.
- 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 and strong fundamentals of architecture design including Data Structure, n-tier architecture, design patterns (Singleton, Factory, Repository), architectural patterns (MVC, MVP, MVVM), and algorithms (Searching, Sorting, Recursion).
- Familiar with updating, accessing, and version controlling the code using Team Foundation Server (TFS), sub-version, and GitHub.
- Experience with multiple web servers including IIS.
- Proficient in applying an analytical and methodical approach to solve problems and production issues.

Technical Skills:

Languages	C#.NET, SQL, PL/SQL.
.NET Technologies	.NET Framework 4/5/4.0/3.5, WPF, Silverlight, ASP.NET MVC, Web Service, ASP.NET 4.0/3.5, ADO.NET, WCF, ADO.NET, LINQ, AJAX, PRISM, Unity Multithreading, Parallel Programming
Web Technologies	HTML/HTML5, DHTML, XML, JSON, CSS/CSS3, Java Script, jQuery, Angular.JS (v14.0), Knockout.JS, React.JS, Node.JS, Vue.JS, Typescript, Express.JS, Bootstrap and KendoUI.
Database	SQL Server 2019, Oracle 9i, SSRS, SSIS
Development Tools	Visual Studio, SSMS, SQL Profiler
Visual & Design Tool	Microsoft Visio, Figma, Bootstrap Studio
SharePoint Technologies	Custom Web Part, Document Management, Web Content Management, Search Configuration, Custom Coding
Cloud Service	Microsoft Azure, Amazon Web Service, Oracle Cloud
Web Servers	Internet Information Server (IIS)
Version Controller	Visual Source Safe, Team Foundation Server
Operating Systems	Windows XP/ Vista/ 7, Windows 2010/2008/2003 server
Unit Test Tools	MS Visual Studio Test edition (Team Suite)
Methodologies	Agile, Waterfall (SDLC), Iterative
Others	MS Office, UML, Visio, Telerik Controls for ASP.NET, Silverlight, Entity Framework

Professional Experience :

Charter Communications (Spectrum Internet) – New York, NY

Role: .NET Full Stack Developer

Duration: Nov 2022– Present

Project Description: As a .NET Full Stack Developer at Charter Communications (Spectrum Internet) in New York, NY, I played a vital role in developing the Spectrum TV software. Following Agile methodologies, I designed and implemented secure authentication using C# .NET, MVC, and the IIS security model. Leveraging technologies such as .NET Core MVC, Web API, and Angular, I created a seamless web and mobile viewing experience. I utilized ASP.NET Webforms, AngularJS, Bootstrap, and SQL Server to develop user-friendly interfaces, while Web APIs facilitated data exchange. Following object-oriented principles and using UML, I ensured a structured development process. Overall, my contributions resulted in a high-quality software solution for Spectrum TV, enhancing the TV viewing experience for users.

Roles and Responsibilities:

- ♦ Worked in an Agile Programming Methodologies, Scrum and Test-Driven Development (TDD), Domain Driven Design (DDD) environment to deliver higher-quality software far more rapidly and designed the complete solution using N-tier Architecture model and MVC5 design pattern.
- ♦ Managed the Project Schedule, Project Conflicts, Development Process and Deliverables.
- ♦ Responsible for designing the C# .Net application authentication using .NET Framework, Model View Controller MVC and IIS security model.
- ♦ Followed OOPS concepts for developing the application code using C#.
- ♦ The project was about building internal departmentally used application for both web and mobile platforms with .NET Core MVC, Web API, and Angular frameworks as the foundation.
- ♦ Using Angular technologies in conjunction with .NET Core, Rest Web API.
- ♦ Utilized ASP.net core and Angular to communicate to backend SQL databases with entity framework core to create flexible services that can be consumed by non-virtual advising services.
- ♦ Developed the user interface in ASP.NET using Webforms.
- ♦ Involved in building Web APIs using ASP.NET Web API to expose data to various clients.
- ♦ Worked on refactoring of legacy subsystems using ASP.NET Web Forms / MVC6 and LINQ to SQL.
- ♦ Developed stub applications required for the project using WinForms, Webforms and C#, ASP.NET.
- ♦ Designed a Web application using Web API with Angular JS 14.0 and Used Entity Framework to model and manage data from SQL Server.

- ◆ Developed single page applications (SPA) using Angular JS, Mobile, Typescript, Knockout JS, React JS, Required JS, JavaScript, Bootstrap, JSON, and CSS3.
- ◆ Designed the Views, Layout pages, and Partial views using C# MVC, jQuery, Typescript 2.0, AJAX, HTML5, CSS3 and BOOTSTRAP.
- ◆ Used .NET Validation Controls and developed JavaScript to perform various client-side validations.
- ◆ Created reports using SQL Server Reporting Services.
- ◆ Used Bootstrap and Angular JS for effective web design.
- ◆ Created Angular JS Routing to connect different controller to the view which allows the single-page application.
- ◆ Developed new user interface components for different modules using Kendo UI with various controls including Grid controls, and chart controls etc.
- ◆ Implemented data binding MVC using Angular JS for front-end development of current web application.
- ◆ Designed and developed Use Cases, Activity Diagrams, Sequence Diagrams, and OOAD using UML.
- ◆ Extensively used T-SQL in constructing user defined functions, views, indexes, constraints, and relational database models and data integrity.
- ◆ Took advantage of the new and improved ASP.NET Core libraries and middleware in .NET 5.0 to streamline development and improve overall application performance.
- ◆ Leveraged the capabilities of .NET 5.0's Web API to build robust and efficient RESTful APIs, ensuring seamless communication between different components of the application.
- ◆ Created an Administrator console with the extension use of the Kendo UI platform to allow the administrator to review and update information about different users.
- ◆ Participate in design and Code reviews of modules and provide insightful comments to improve the design quality and code performance.
- ◆ Performed Unit testing, Integration testing and Regression testing of the application.
- ◆ Used TFS as a version control. Worked in an Agile Programming Methodologies, Scrum and Test-Driven Development (TDD), Domain Driven Design (DDD) environment to deliver higher-quality software far more rapidly and designed the complete solution using N-tier Architecture model and MVC5 design pattern.
- ◆ Managed the Project Schedule, Project Conflicts, Development Process and Deliverables.
- ◆ Responsible for designing the C# .Net application authentication using .NET Framework, Model View Controller MVC and IIS security model.
- ◆ Followed OOPS concepts for developing the application code using C#.
- ◆ The project was about building internal departmentally used application for both web and mobile platforms with .NET Core MVC, Web API, and Angular frameworks as the foundation.
- ◆ Using Angular technologies in conjunction with .NET Core, Rest Web API.
- ◆ Utilized ASP.net core and Angular to communicate to backend SQL databases with entity framework core to create flexible services that can be consumed by non-virtual advising services.
- ◆ Developed the user interface in ASP.NET using Webforms.
- ◆ Involved in building Web APIs using ASP.NET Web API to expose data to various clients.
- ◆ Worked on refactoring of legacy subsystems using ASP.NET Web Forms / MVC6 and LINQ to SQL.
- ◆ Developed stub applications required for the project using WinForms, Webforms and C#, ASP.NET.
- ◆ Designed a Web application using Web API with Angular JS 14.0 and Used Entity Framework to model and manage data from SQL Server.
- ◆ Developed single page applications (SPA) using Angular JS, Mobile, Typescript, Knockout JS, React JS, Required JS, JavaScript, Bootstrap, JSON, and CSS3.
- ◆ Designed the Views, Layout pages, and Partial views using C# MVC, jQuery, Typescript 2.0, AJAX, HTML5, CSS3 and BOOTSTRAP.
- ◆ Used .NET Validation Controls and developed JavaScript to perform various client-side validations.
- ◆ Created reports using SQL Server Reporting Services.
- ◆ Used Bootstrap and Angular JS for effective web design.
- ◆ Created Angular JS Routing to connect different controller to the view which allows the single-page application.
- ◆ Developed new user interface components for different modules using Kendo UI with various controls including Grid controls, and chart controls etc.
- ◆ Implemented data binding MVC using Angular JS for front-end development of current web application.
- ◆ Designed and developed Use Cases, Activity Diagrams, Sequence Diagrams, and OOAD using UML.

- ♦ Extensively used T-SQL in constructing user defined functions, views, indexes, constraints, and relational database models and data integrity.
- ♦ Took advantage of the new and improved ASP.NET Core libraries and middleware in .NET 5.0 to streamline development and improve overall application performance.
- ♦ Leveraged the capabilities of .NET 5.0's Web API to build robust and efficient RESTful APIs, ensuring seamless communication between different components of the application.
- ♦ Created an Administrator console with the extension use of the Kendo UI platform to allow the administrator to review and update information about different users.
- ♦ Participate in design and Code reviews of modules and provide insightful comments to improve the design quality and code performance.
- ♦ Performed Unit testing, Integration testing and Regression testing of the application.
- ♦ Used TFS as a version control.
- ♦ Implemented various components of the application using Microsoft Azure services like Azure App Service, Azure SQL Database, Azure Functions, and Azure Storage.
- ♦ Leveraged Azure App Service to host and scale the web application, providing a highly available and scalable environment.
- ♦ Utilized Azure SQL Database for data storage, ensuring data reliability, scalability, and disaster recovery.

Environment: .Net Framework4.5, .Net Framework 5.0, Visual Studio, Telerik, Kendo UI, Typescript 3.0, T-SQL, AJAX Framework, ASP.NET core, Entity framework, MVC6, VB.NET, C# 5.0, Microservices, JavaScript, Mongo DB, SDK, Knockout.JS, MySQL, HTML5, CSS3, Bootstrap, IIS, LINQ, SQL Server 2012, AngularJS (v14.0), SSRS, SSIS, TFS.

Barclays Financial Services, Whippany, NJ

Role: Full Stack .NET Developer

Duration: Oct 2021 – Oct 2022

Project Description: As a .NET Full Stack Developer at Barclays Financial Services, I played a key role in developing a comprehensive financial services solution. Following Agile methodologies, I designed and implemented secure authentication using the .NET Framework, C#, and secure protocols. Leveraging ASP.NET MVC, Web API, and AngularJS, I created a responsive front-end interface for clients to efficiently manage their financial accounts and transactions. Using SQL Server, I ensured data integrity and optimized the database schema. I also integrated third-party systems to enhance the services offered. Collaborating closely with stakeholders, I delivered a robust and compliant solution that provided Barclays' clients with secure and efficient financial services.

Roles and Responsibilities:

- ♦ Worked in an Agile Programming Methodologies, Scrum and Test-Driven Development (TDD) environment to deliver higher-quality software far more rapidly and designed the complete solution using MVVM design pattern.
- ♦ Managed the Project Schedule, Project Conflicts, Development Process and Deliverables.
- ♦ Responsible for designing the ASP.Net application authentication using .NET Framework, Model View Controller MVC and IIS security model.
- ♦ Followed OOPS concepts for developing the application code using C# 5.0.
- ♦ Developed Web UI proof-of-concept prototypes using Angular/ Typescript/ NodeJS.
- ♦ Worked with ORM tool hibernate for creating objects from database table.
- ♦ Developed WPF & Silverlight application using MVVM (commands, data binding).
- ♦ Developed the WPF application in PRISM framework, thus creating loosely coupled components for the application.
- ♦ Work with relational databases, writing queries, and performing database operations with Oracle.
- ♦ Worked on upgrading one of our applications to WPF and MVVM.
- ♦ Developed, enhanced, maintained, and supported the Web for Student, the Web for Faculty and Internet Native Banner Forms using Oracle, PL/SQL Web Toolkit, SQL, PL/SQL, Oracle Forms and a third-party product called SunGard SCT Banner.
- ♦ Incorporated the use of nullable reference types and other new language features available in C# 9 to improve code safety and readability.

- ◆ Enhanced the application's security using the latest security features and enhancements provided by .NET 5.0 and made sure it adhered to recommended security practices.
- ◆ Implemented Health checks provided by .NET 5.0 to monitor the application's health and proactively identify issues.
- ◆ Involved in analyzing and adding new features of Oracle 10g like DBMS SHEDULER create directory, data pump, CONNECT BY ROOT in existing Oracle 9i application.
- ◆ Tuned Report performance by exploiting the Oracle's new built-in functions and rewriting SQL statements.
- ◆ Designed a Web application using Restful web API with Angular JS 2.0/4 and Used Entity Framework to model and manage data from SQL Server.
- ◆ Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL.
- ◆ Developed, enhanced, maintained and supported the Web for Student, the Web for Faculty and Internet Native Banner Forms using Oracle, PL/SQL Web Toolkit, SQL, PL/SQL, Oracle Forms and a third-party product called SunGard SCT Banner.
- ◆ Involved in analyzing and adding new features of Oracle 10g like DBMS SHEDULER create directory, data pump, CONNECT BY ROOT in existing Oracle 9i application.
- ◆ Tuned Report performance by exploiting the Oracle's new built-in functions and rewriting SQL statements.
- ◆ Developed single page applications (SPA) using Angular JS, Mobile, Typescript, Knockout JS, AJAX, React JS, Required JS, XML, JavaScript, JSON, and CSS3.
- ◆ Designed the Views, Layout pages, and Partial views using C# MVC, Mobile, jQuery, Typescript 2.0, AJAX, JSON, HTML5, CSS3 and BOOTSTRAP.
- ◆ Developed Web Services and invoking them by using XML, SOAP and WSDL for creating proxy classes.
- ◆ Used .NET Validation Controls and developed JavaScript to perform various Client-side validations.
- ◆ Involved in migrating the whole code base of Angular 2.0 to Angular4.
- ◆ Used LINQ, ado.NET Entity Framework for communication between the application and the SQL Server Database.
- ◆ Implemented Azure Functions to build serverless components for handling background tasks and processing data.
- ◆ Used Azure Storage to store and manage unstructured data, such as images, files, and documents.
- ◆ Leveraged Azure Active Directory (Azure AD) for authentication and authorization, securing access to the application.
- ◆ Used Entity framework for ORM mapping to relational databases, classes to database tables and CLR data types to SQL server data types.
- ◆ Designed and developed Use Cases, Activity Diagrams, Sequence Diagrams, and OOAD using UML.
- ◆ Participate in design and Code reviews of modules and provide insightful comments to improve the design quality and code performance.
- ◆

Environment: Net Framework4.5, .Net Framework 5.0, VisualStudio2012/2015, MVVM, C#, ADO.Net, Kendo, Telerik, WPF, Entity Framework, SQL, HTML5, CSS3, JavaScript, jQuery, Bootstrap, LINQ, SQL Server 2012, AngularJS, TFS, Oracle Database 11g, Oracle HTTP server 11g.

Sedgwick, Naperville, IL

Role: C# .NET Developer

Duration: May 2020 – Oct 2021

Project Description: Sedgwick is a preeminent global loss adjusting and claims management company committed to helping its clients – insurance companies, corporations, public entities, and brokers – manage and control their risk needs around the world.

Roles and Responsibilities:

- ◆ Implemented agile development methodology and provided estimates, daily & weekly status report to the client on progress of the tasks.
- ◆ Developing web applications using ASP.NET, Angular JS 1.6, ASP.NET MVC, C#, Knockout Js, Typescript, Telerik and MySQL.
- ◆ Migrated web form applications to MVC applications utilizing jQuery, KnockoutJS, Angular and SignalR.

- ♦ Created Single Page Application (SPA) using Angular JS UI-Route, Dependency Injection design pattern on Controller and Services for shared data between controllers.
- ♦ Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, jQuery, AJAX, and JSON.
- ♦ Work with relational databases, writing queries, and performing database operations with Oracle.
- ♦ Involved in analyzing and adding new features of Oracle 10g like DBMS SHEDULER create directory, data pump, CONNECT BY ROOT in existing Oracle 9i application.
- ♦ Tuned Report performance by exploiting the Oracle's new built-in functions and rewriting SQL statements.
- ♦ Created Web API Controllers to provide Restful Services as well as data to UI.
- ♦ Developed pages using components such as Bootstrap grid, scheduler, tabs and other input components and Used CSS Pre-Processor LESS for an improved organization of Style sheets.
- ♦ Used AJAX, jQuery, and Kendo for MVC to improve the performance of the application.
- ♦ Wrote application using Web API to talk to external applications.
- ♦ Involved in writing small ASP.NET Web Forms applications with VB.NET, C# as programming languages.
- ♦ Extensively worked with ASP.NET, ADO.NET, MVC and SQL Server databases for development of the web page.
- ♦ Incorporated the use of nullable reference types and other new language features available in C# 9 to improve code safety and readability.
- ♦ Enhanced the application's security using the latest security features and enhancements provided by .NET 5.0 and made sure it adhered to recommended security practices.
- ♦ Converted the XMI code to JavaScript.
- ♦ Utilized Azure DevOps for continuous integration and continuous deployment (CI/CD) to automate the build and deployment process.
- ♦ Monitored application performance and health using Azure Application Insights.
- ♦ Implemented Azure Traffic Manager for load balancing and routing traffic to different instances of the application based on geographical location or performance.
- ♦ Implementing validations using validation controls and used JavaScript/jQuery for client-side validation.
- ♦ Created traces using SQL server profiler to find long running queries and modify those queries as a part of Performance Tuning operations.
- ♦ Responsible for database design, and creation of Stored Procedures, triggers in T-SQL and perform the Data retrieval in SQL Server.
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- ♦ Used ADO.Net Entity Data Model in retrieving data using LINQ to SQL and LINQ to Objects with ASP.NET, worked with the database using LINQ to SQL.
- ♦ Implemented validations using built-in validation controls and used JavaScript and jQuery for client-side validation.
- ♦ Configured web applications to work on a load balanced environment.
- ♦ Performed unit testing on every new version before sending it for User Acceptance Test (UAT).
- ♦ Used Team Foundation Server (TFS) and GIT hub as a source control.

Environment: ASP.NET, C#, MVC4, VB.NET, .Net Framework 5.0, Web API, Kendo UI, .Net Framework 4.0, SOAP, RESTful, PostgreSQL, PaaS, Azure, WPF, Typescript, Angular JS 1.6, Less, T-SQL, Telerik, WWF, HTML, AJAX, CSS, SQL Server 2008 R2, Access Database, OOP, SharePoint 2013, Oracle, MySQL, ADO.NET, Entity Framework, Visual studio 2013, JavaScript, jQuery, SSIS, SSRS, TFS 2013, GitHub, Oracle Database 11g, Oracle HTTP server 11g.

Raymond James Financial, India

Role: C# .NET Developer

Duration: Mar 2018- May 2020

Project Description: Raymond James Financial is an American diversified holding company providing financial services to individuals, corporations and municipalities through its subsidiary companies that engage primarily in investment and financial planning, in addition to investment banking and asset management.

Roles and Responsibilities:

- ♦ Worked in an Agile Programming Methodologies, Scrum and Test-Driven Development (TDD) environment to deliver higher-quality software far more rapidly and designed the complete solution using N-tier Architecture model and MVC design pattern.
- ♦ Involved in creating technical specification documents after gathering requirements from business users.
- ♦ Designed the Views, Layout pages, and Partial views using ASP.NET MVC, jQuery, AJAX, HTML5, CSS3 and Bootstrap.
- ♦ Created stored procedures, views, triggers, user defined functions to incorporate the flow of business and automated stored procedures.
- ♦ Leveraged Windows Azure to build and host WBG (World Bank Group) applications insurance assets, leveraging all the benefits of the cloud.
- ♦ Implemented Azure Virtual Machines (VMs) for specific workloads that require dedicated resources.
- ♦ Utilized Azure Active Directory B2B/B2C to enable external user access and identity management.
- ♦ Involved in application development using Visual C#, SQL Database, LINQ, WCF, Entity Framework and Web API 2.0.
- ♦ Evaluated system performance and validated NoSQL solutions.
- ♦ Implemented data access using ADO.NET Entity Framework to store and retrieve new user information for further use.
- ♦ Developed and implemented the multi-threaded Web forms, win forms GUI design by using .NET framework, Visual Studio.
- ♦ Worked on SQL Server Integration Services (SSIS) to integrate and analyze data from multiple homogeneous and heterogeneous information sources (CSV, Excel, DB2, SQL Server).
- ♦ Implemented several services connecting to a WPF client to perform Read operations against a SQL Server backend.
- ♦ Used Authentication when we recall the previous quote using email address and password.
- ♦ Created Configurations to make package portable and created Event handlers for handling package error.
- ♦ Implemented Server and Client-side validations using ASP.NET validation controls, J-Query and Knockout JS.
- ♦ Created and consumed ASP.NET Web services and implemented Restful Web API/WCF services for service layer and created Action filters and Exception filters to implement REST services.
- ♦ Designed and developed web pages using VB.Net, HTML, TypeScript, and JavaScript, Angular JS and CSS.
- ♦ Developed n-tier Architecture and distributed .net applications using Web Forms, Win Forms.
- ♦ Used basic OOPs concepts like Encapsulation, Polymorphism, Inheritance and Abstraction.
- ♦ Performed data conversions from SQL server to flat file using SSIS.
- ♦ Worked on SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints.
- ♦ Managing and automating Control flow, Data flow, Events Handlers, and Logging for SSIS packages.
- ♦ Developed various stored procedures for the data retrieval from the database and generating different types of reports using SQL reporting services (SSRS).

Environment: Visual studio 2013, .Net Framework 5.0, Win Forms, Azure, SOAP, Restful, PaaS, Visual Studio 2010/2013, MS Excel 2010, C#, VB Script, Window 7, Team Foundation Server (TFS), C#, ASP.NET 4.5/4.0, NoSQL, DB2, MVC 5.0 WCF, Kendo UI, OOP, TypeScript, Java Script, jQuery, AngularJS 1.6, TFS, WCF, IIS, AJAX, HTML, CSS, LINQ, web API, SQL Server Integration Services, VB, VBScript, Bootstrap.