

Hemanth Babu Chinnam

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SUMMARY

- **5+ Years** of extensive experience in software development life cycle involving Architecture, Requirement analysis, Design, Development, Coding, Testing, Maintenance and Implementation of various applications based on Client Server, Web Applications and Business Solutions using **C#, VB.NET, VB6, ADO.NET, ASP.NET, MVC, WCF, WPF, Win Forms, Web Forms, IIS, Entity Framework, LINQ, SQL Server, Oracle and Visual Studio**.
- Experience in developing UI using **Silverlight 3.0/4.0, ASP.Net Server - Side Controls, HTML5 Controls, CSS3, JavaScript, Telerik Kendo UI controls, Bootstrap and jQuery**.
- Experience in **SOA (Service Oriented Architecture)** using **Web Services, WCF Services, Web-API and Restful Services, Windows Services**.
- Expertise in implementation of optimized, secured **WCF Services** by using Service, Operation, Data, Fault and Message Contracts.
- Developed n-tier architecture application with User Interface, Service layer, Business and Data Access layers using **ASP.NET Web API and Entity Framework**.
- Experience in Developing **XML Web Services** Publishing and consuming them.
- Possess in-depth knowledge in **SQL Server 2019/2017/2016**, with technologies such as **Stored Procedures, Views, Triggers, Transact SQL**.
- Hands on experience in developing applications to access data and data services in **ADO.NET**.
- Expertise in developing **WPF** and Win Forms applications using **.NET Framework 8.0,4.6, 4.5, 4.0, 3.5**
- Good hands-on knowledge of **OOPS (Object Oriented Programming Structure)** and **Agile methodology**.
- Sound knowledge in **C# .Net, WCF, WPF, LINQ, Entity Framework, ADO.Net, WinForms**, and several design patterns.
- Experience working with **.NET features like Events & Delegates, Generics & Collections, Multi-Threading, Exception Handling, Serialization, LINQ**.
- Proficiency in using **NHibernate** Entities and Mappings to achieve connection between relational databases.
- Extensive experience in **RDBMS** Database design, Modelling and Database maintenance in **SQL Server** environment.
- Deep understanding of **WPF** and related concepts, including data binding, Data Templates, Control Templates & MVVM.
- Experience in developing UI using ASP.Net Server-Side Controls, client-side framework using **Angular 8-13, HTML5 Controls, CSS3, JavaScript, jQuery and ReactJS**.
- Experience in implementing client-side **JavaScript, jQuery, HTML, DHTML, and CSS**.
- Strong skills in writing **XML, XSD, XPATH** and transforming the documents in to **HTML, XHTML** using **XSLT**.
- Experienced with using Source Code Version Control Systems like **MS Visual Source Safe (VSS) and TFS (Team-Foundation Server)**
- Hands on experience with **SQL Server Reporting Services (SSRS), SQL Server Integrating System (SSIS)** using **SQL 2008/2005**.
- Experience in Creating Stored procedures and functions in **SQL** server to import data in to **Elasticsearch** and converting relational data in to documents.
- Exclusively developing and deploying **Web Services** using **WSDL, UDDI and SOAP**.
- Strong Applications Development experience with back-end databases such as **SQL Server, Oracle and MS Access** using **ADO/ADO.NET**.
- Creation and Maintenance of **MS Azure Cloud** Infrastructure and Virtual Network between **MS Azure Cloud** and On-premise network for backend communication.
- Expert in Implement deploy and configure **Azure** websites, configure diagnostics, monitoring and analytics on **Azure** Platform along with scale and resilience for **Azure Web sites**.
- Performed Unit Testing (using N-Unit and MS-Unit) and involved in Debugging & Supporting the application.
- Proven ability to analyse problems, root causes and develop innovative solutions to business challenges and streamlining operations.

TECHNICAL SKILLS

- **Languages:** C#, .Net, VB.NET, C, C++, Visual Basic 8.0/6.0, Java, SQL, T-SQL, PL-SQL
- **.Net Technologies:** ASP.Net 4.6/4.7/8.0, ADO.NET, AJAX, LINQ, Entity Framework
- **UI Frameworks:** Bootstrap
- **Scripting Languages:** Node.js, JavaScript, jQuery, Visual Basic Script & PHP
- **Databases:** SQL Server, MySQL, MongoDB, Oracle 10g/9i
- **Web Technologies:** ASP.Net MVC 4/5, ASP.Net, HTML 4/5, CSS, SCSS, AJAX, jQuery & jQuery UI, ReactJS, Angular8-13, Web Services, Win Forms, WCF, SOAP, WPF, JSON, XML, XSLT, XSD, WSDL & XAML
- **Web Servers:** Internet Information Server (IIS), Apache2
- **Operating Systems:** MS-DOS, Windows, Unix & Linux
- **Continuous Integration / Deployment:** Jenkins, Redgate & Azure DevOps
- **Tools:** Visual Studio 2017/2019, SoapUI, Toad, MySQL workbench, putty, VDI, Eclipse, sublime 3.0, JIRA
- **Web Services:** SOAP, WCF & REST API
- **Version Control:** SVN, GIT, VSS & TFS
- **Cloud Technologies:** AWS EC2, Microsoft Azure

PROFESSIONAL EXPERIENCE

Safeco Insurance, Austin, Texas

Jan 2023 to present

Full Stack .NET Developer

Responsibilities:

- Responsible for designing and developing the Application using **ASP.Net MVC, Web API, C# & UI using HTML, CSS, jQuery, JavaScript.**
- Extensive use of **ASP.NET** Collections features like Map, List to retrieve the data from Web Service, manipulate the data to incorporate Business Logic and save the data to database.
- Responsible for implementing the Client-Side Validations using **jQuery** and **JavaScript.**
- Responsible for developing the Data Access Layer (Model) using **ADO.Net** Entity Framework Model, and **C#.**
- Implemented **CRUD** functionality with Entity framework in **ASP.NET MVC** and implemented sorting, filtering and paging with Entity framework in **MVC.**
- Hands on Experience in **ASP.NET MVC 3/4/5, WCF, WPF, .NET 4.0/ 4.5/4.6.2/4.7/8.0.**
- Involved in developing views and controllers as part of **MVC** pattern within the application.
- Worked with **ASP.NET MVC** model binding that allows mapping **HTTP** request data with a model.
- Developed N-tier distributed **.NET** applications using **Web Forms, Win Forms.**
- Have been involved in project migration from **ASP.Net to MVC 5.**
- Used build in **jQuery** MVC validations and written custom validators as required.
- Responsible for making **AJAX** Calls for the **UI** Interactions to the Controller Actions using **jQuery** and getting the Data back as **JSON** and parsing it onto the **UI.**
- Deployed the project to Azure cloud platform, including host and **SQL** server deployment and local **SQL.**
- Refactoring and maintenance the web application on Microsoft Azure, upgrading modules and framework versions (.NET and Azure SDK).
- Extensive Testing on the Performance of the Stored Procedures. Developed Complex **T-SQL** code for the application conversions.
- Worked in using **React JS** components, Forms, Events, Keys, Router, Animations, and Flux concept in one of the client's projects.
- Worked on **SOAP and RESTFUL** Service **API** using **WCF** which return **XML and JSON data using WCF** attributes.
- Used **NHibernate 3.0** ORM Framework with repository pattern for database operations.
- Worked for the implementation of Restful Web Services based on Micro Services architecture.
- Responsible for designing and developing the database objects like Tables, Views, and Complex **T-SQL** Stored Procedures involving Joins and using Temporary Tables, **UDF** (User Defined Functions).
- Created unit and integration test procedures for existing web application, **SSIS routines** and **SSRS** reports.
- Developed different Model View and generated views and implemented in **Web Pages** using **AngularJS.**
- Developed the web applications majorly in **C#, ASP.NET, Angular 13, Typescript, JavaScript, CSS3 and HTML5.**
- Created package **JSON** for Bower and consumed **Restful Web Services** using **Angular JS AJAX.**

- Used **LINQ** along with **ADO.NET** extensively for retrieving, querying, storage, and data manipulation for achieving continuous database connectivity.
- Extensive use of the Data Grids, Data Readers & Datasets for data manipulation and good knowledge on **ADO.NET**.
- Designing and developing application using **ASP.NET Web API 2** which returns **JSON** file.
- Working closely with product managers and customers to define, layout, and style various **HTML 5, Bootstrap** and **CSS 3 user interfaces**.
- Worked on Web application development using **MVC 5.0/4.0** and **ASP.NET Web Forms**.
- The Presentation Layer was implemented in **ASP.NET** using Web Forms, User Control and Web Controls. Business logic was developed using **C#.NET**.
- Used **MVVM** design pattern while building **WPF** application.
- Worked on creating **CI/CD** pipelines for all the Customer Facing Websites using **GIT** and **VSTS**.
- Building a service-based application with **ASP.NET Web API** to consume services from apache and issues **TLS/SSL** certificates to the websites hosted on the customer IIS servers.
- Used **TFS** (Team Foundation Server) for source code control, project related document sharing and team collaboration.
- Involved in testing like Unit test, Integration test, Acceptance test and Regression testing using **N-Unit** and responsible for writing test scripts and scenarios.
- Followed Agile and Scrum Methodology to produce high Quality software.

Environment: C#.NET, .NET Framework 4.5/4.6.2/4.7/8.0, ASP.NET, ADO.NET, Entity Framework, WCF, CSS3, MVC4, MVC5, MVVM, Razor View Engine, Xml, NUnit, jQuery, Angular 2, Typescript, Visual studio 2017/219, IIS 7.0, GIT, Team Foundation Server (TFS), JIRA, Bootstrap, SQL Server 2017/219, HTML5, CSS3.

Optum, India

July 2020 to Nov 2021

Full Stack .NET Developer

Responsibilities:

- Designed and developed Web Pages using **ASP.NET, VB.Net, C#.NET, HTML, JavaScript, CSS** and server controls.
- Developed Web Forms for User Interfaces using **ASP.NET** and **VB.NET** using Server Controls, HTML Controls and User Controls.
- Created and deployed **XML Web Services (WCF)** using **ASP.NET** and **C#**, used them to generate the proxy class files based on the web services and consumed in web application.
- Developed the **UI** component architecture using **jQuery, Java Script, CSS and RAZOR**.
- Created **ReactJS** directives, factories and services for developing single page web applications.
- Implemented ReactJS client-side form validation to validate the user inputs before passing to back-end.
- Worked in an **Agile Methodology (Scrum)** to meet timelines with quality deliverables.
- Maintained uniformity among all web pages in **GUI** and designed Master Pages and themes.
- Security features were provided using **Cookies** and Session ID so that unauthorized access could be denied.
- Used various server controls like Multi View and Grid View with extensive data binding to display, page and sort multiple records.
- Used **Cascading Style Sheets (CSS)** to maintain design consistency across all web forms.
- Developed WCF Services, defining Endpoints, Data Contracts, Message Contracts, Bindings, and Transaction management in service layer and Hosting **WCF** services.
- Used **SOAPUI & SOA Cleaner Express** tool for testing **WCF** Services.
- Established communication between different applications running on same/different platforms using **WCF**.
- Used Validation Controls for corresponding validations required for business logic in Web Forms.
- Worked and deployed **WCF** Services using **ASP.NET** and **C#.Net**.
- Extensively used **ASP.Net MVC** architecture for the Web application design to have the application layers loosely coupled.
- Programmed **ADO.NET** for communication between application and database, used extensively Grid views, Data Set, Data Table and Data Adapter to render reports.
- Effectively implemented **ASP.NET** security infrastructure for authenticating and authorizing user access as well as performing other security related tasks.
- Involved in design, coding and testing of multi-tier Windows Form / WPF application and **ASP.NET** Application.
- Developed parameterized SQL queries and stored procedures to query database tables in **T-SQL**.

- Created Views by applying complex queries on multiple tables to create the virtual tables and implemented Cursors in Stored Procedures using **SQL Server 2017/2019**, Implemented Joins in Stored Procedures to get the desired data by joining multiple tables.
- Web design and development, application development using **Photoshop, Dreamweaver, HTML, JavaScript, and Angular JS**.
- Designed dynamic and multi-browser compatible pages using **HTML, CSS, jQuery, AngularJS and JavaScript**.
- Involved in providing Unit Test for each of the task and perform code review for the team.
- Develop user interfaces using **ASP .NET** and **windows client** using **C#**.
- Migration of **SQL Server** database to **SQL Azure** Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in **SQL Server** using **T-SQL**.
- Responsible for testing, fixing the bugs and troubleshooting the technical problems.
- Designed and developed parameterized reports, linked reports, matrix and tabular reports with drill down, drill through and drop-down menu option using **SSRS**.
- Utilized Team Foundation Server (**TFS**) for **version Control** and source code maintenance needs.

Environment: C#.NET, .NET Framework 4.5/8.0 ASP.NET, AWS Cloud, C#, WCF, XML, HTML5, CSS3, MVC4 with Razor, SQL Server 2017/2019, Visual studio 2017, GIT, JIRA, OAuth, IIS 7.0, JavaScript, Install Shield and Team Foundation Server (TFS), NUnit.

Perfios

Oct 2018 to June 2020

.NET Application Support Developer

Responsibilities:

- Involved in Software Development Lifecycle (**SDLC**) for requirement analysis through designing, coding, Debugging, Implementation and integration.
- Used Razor view and **ASPX (C#)** as a view engine to make the code simple, enable to mix and match view templates.
- Extensively used UI tools like **CSS, AJAX, JavaScript, DHTML and jQuery**.
- Used JavaScript on web forms to perform validation controls.
- Extensively involved in Developing Components for Business Layer and Data Layer, implementation in **MVC Architecture**.
- Utilized **C#** generics, delegates, events, extension methods, anonymous types, and lambda expressions.
- Extensively used **ASP.NET MVC 4.0**, Entity Framework and **C#** for new development.
- Created Stored Procedures to perform automated rules, updating to related tables using **SQL Server**
- Converted the existing Database system to meet the new requirements and utilized the various class libraries.
- Designed a web application using **Web API** with **Angular JS** and populated data using Entity Framework to model and manage data from **SQL Server**.
- Created validation rules and configurations for validation engine.
- Designed/Developed Desktop Application using **WPF, XAML**, and Expression blend.
- Developed Query for generating drill down reports in **SSRS 2017**.
- Built effective queries for high-performance reporting and rendered them to **HTML, XML, PDF and Excel formats using Reporting Services (SSRS)**.
- Implemented Separate query processing using **LINQ** and created data entry web applications **with LINQ to SQL CRUD operations**.
- Involved in developing **WCF web services** using **SOAP/HTTP** to communicate with the legacy.
- Created Stored Procedures, Functions, and **Triggers** using **T-SQL** to maintain complex data.
- Used **TFS** for version control and source code maintenance.
- Involved in day-to-day production supports and development of change controls requested by client.

Environment: Visual Studio 2017, C#, XML, ASP.NET 4.0, MVC, ADO.Net, Java script, Entity Framework, Web API, JQUERY, AWS Cloud, LINQ, Lambda Expression, SQL Server 2015/2017, WCF, WPF, XAML, SSRS Reports, SVN, TFS

EDUCATION:

- **Masters in Information Systems from University of Memphis.**