## Chareeshma Reddy Email: chareeshmareddychen@gmail.com .Net Developer Mobile: 973-931-1157



**PROFESSIONAL SUMMARY**

* Over 7 years of experience in diverse facets of .Net Development includes Analysis, Design and Development, Testing and Execution of Internet and Intranet enterprise applications.
* **Single-handedly (End-to-End)** developed the project which included Requirement analysis, Software Development, Implementation, Training and Maintenance, Deployment, Testing and ensured successful delivery.
* Strong knowledge and expertise in developing n-tier web applications using **AJAX, AngularJS, Java Script, JQUERY, Modernizr, CSS, LESS, SASS, XML, WCF, Multi-threading, ADO.Net.**
* Handful experience in developing **Win Forms, Web Forms** using **HTML5**, **HTML**, **XHTML**, **JavaScript**, **TypeScript, AngularJS,** **JQuery**, **AJAX, JSON**.
* Implemented **Responsive web design** using **Bootstrap, HTML5 and CSS3**.
* Extensive Experience in working in a **Behavior-driven Development (BDD) and Test-Driven Development (TDD).**
* Strong skills in developing **XML Web Services** using **SOAP**, **REST, WSDL**.
* Used **extract**, **transform** and **Load** (**ETL**) tools like **DataMigrator** for creating maintaining and expansion of data-warehouses, data marts and operational data stores.
* Experience in creating Accessible PDF Documents **(WCAG)** using iTextSharp.
* Used **SQL Server Data Tools** (**SSDT**) for developing the Integration Services packages (**SSIS Packages**) for the business solutions. Also, used **SQL Server Management Studio** for managing packages in production environment.
* Used **Oracle DB** for operating system processes and memory structures that interact with the DB storage.
* Worked on **Oracle RDBMS** to store data logically in the System tablespace,Indexes and clusters.
* Data model, stored procedures/functions (UDFs), triggers, multipart queries and performance tuning in **SQL Server** and **Oracle.** Familiar with NoSQL.
* Worked extensively with **.Net Server Controls, Web User, Data Grid, Grid View Controls** and **Forms Validation Controls** and created numerous **Custom Controls** using **ASP.Net**.
* Extensive knowledge in **Object Oriented Programming** (**OOPs**)
* Used the **SOLID Principles** of Object Oriented Programming to write structured and neat code which can be easily extended and maintained.
* Experienced in creating reports **using Crystal Reports, SQL Server Reporting Services (SSRS) and SQL Server** **Integration Services (SSIS).**
* Experienced with **Team Foundation Server, GitHub, Visual Source Safe and Subversion.**
* Experience in working with **.Net 4.0 Framework, Windows Workflows (WPF, WCF, WF), LINQ, MVVM Design Pattern, Dependency Injection, Singleton.**
* **MVC 5.0** (Model-View-Controller) **Design Pattern, Razor View Engine.**
* Experience with both Waterfall and Agile methodologies (**SCRUM**)
* Implemented Accessibility standards according to the **WCAG 2.0** requirements and **Section 508** Guidelines.

**CERTIFICATIONS**

* Microsoft Certified Technology Specialist - .Net Framework 2.0: Web Applications
* MCTS – SQL Server 2005: Implementation & Maintenance.
* Certified in HIPAA.

**TECHNICAL SKILLS**

**Programming**

* ASP.Net 4.0: **C#, VB.Net**, **LINQ**, ADO.Net, User Controls, Classic ASP
* **Bootstrap, JQuery**, **Angular, JavaScript**, **TypeScript,** **AJAX, JSON**
* **WCF, WPF, MVC 5.0, MVVM.**
* **HTML 5**, **XHTML**, **CSS 3**, XML, XAML, XSL, XSLT
* Microsoft IIS 7.5

**Databases**

* Oracle (SQL, PL-SQL,12C,11G), SQL Server 2012, MS Access,SQL BI

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**PROFESSIONAL EXPERIENCE**

**Social Interest Solutions, Sacramento, CA**

**Role: Application Developer October 2016 – Present**

Health-e-Arizona is a Health care related Application which lets customers to apply for various assistance programs like Medical Assistance, Cash Assistance and Nutrition Assistance etc.

It also decides the eligibility of the person to apply to these programs based upon the information they gave to the application. It collects information from customers about their household members, Income, Previous medical history etc. and calculates the eligibility of the person and either approves, denies or asks for more information. This application was made Accessible as per the American Disabilities Act of 1990 (ADA) so that the blind and disabled can apply and use the application as needed.

**Responsibilities** **include**:

* Translating concepts and mock-ups into WCAG 2.0 AA Compliant prototypes, Section 508 Compliance prototypes and completed web pages while adhering to design specifications
* Provide detailed wireframe reviews to potentially identify the accessibility defects before development.
* Designing or execution of testing, providing technical documentation for HIPAA.
* Developed an Administrative GUI using **AngularJS** for monitoring notification delivery status.
* Used MVC 5.0 Design pattern Dependency Injection in implementing the user interface.
* Manually coding, testing and debugging HTML, CSS and JavaScript according to internal standards, guidelines and in accordance with industry best practice.
* Used Web API framework to build HTTP services and build RESTful multi-threaded applications on the .Net Framework.
* Used Microsoft .Net Framework component LINQ (Language Integrated Query) for data querying capabilities.
* Involved in using JavaScript, AngularJS, JQuery and AJAX for Client side validations and validating the input data using validation controls.
* Coding, testing, and debugging for the web presentation layer using HTML, CSS, JavaScript, and accessibility principles.
* Created smart navbar system in typescript that would retain a client context across multiple web apps using the QueryString. Smart nav would automatically determine selected navigation node using the browser URL.
* Updated dashboard front end to support multiple dashboards and their CRUD operations using typescript.
* Used Health Level-7 Standards for transfer of clinical and administrative data between software applications.
* Used Oracle 12C for data redacation and adaptive query optimization.
* Worked on Oracle 12C on Enterprise Manager DB along with container databases DB.
* Ensuring across-browser compatibility and compliance with Section 508 accessibility guidelines.
* Understand scope and how to properly interpret the Section 508 and WCAG 2.0 A/AA requirements.
* Implementing Accessibility standards (WCAG 2.0 AA)
* WAI-ARIA Implementation.
* DevelopedETL packages containing different data sources (SQL Server, Flat Files, Excel source files, XML files, etc.) and then loaded the data into destination tables by performing different kinds of transformations using SSIS**/**DTS packages.
* Worked on enhancing and deploying theSSIS Packages from the development server to the production server.
* Assertive Technologies (e.g. JAWS, NVDA, Window eyes)
* Responsive Web Design techniques and concepts.
* Cross browser compatibilities.
* Accessibility Audit.
* WCAG Accessibility Specialist.
* Contributed to a team of engineers in cross-functional teams (including development, QA, UX, UI, product management, etc.)
* Collaboration with technical writer/editors, user experience designers, application developers, and project managers on project work.

**Environment**: Visual Studio 2015, ASP.Net4.5, C#, LINQ, MVC 5.0, iTextSharp , Web API, HTML5, XHTML, ARIA, CSS3, LESS, SASS, XML, AJAX, AngularJS, Bootstrap, SQL Server 2012, JavaScript, TypeScript, JQuery , REST API, IIS 6.0, TFS, SQL Server, HIPAA, Section 508, WCAG 2.0.

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**Toshiba, Irvine, CA**

**Role: Application Developer June 2014 – September 2016**

The Global Entitlements project is to collect on-line real-time customer registrations and store it into Database using Web Services. The primary purpose of the project is to develop a Web Services application to accept customer data which includes product registrations and entitlements through online and receive acknowledgements to submissions. These Web services applications are developed to use by all the subsidiaries across global divisions of TOSHIBA (America, Japan, China, Singapore, India...Etc.). Manufacturing division uses Web services to load their batch data in database. Web Interface provides the functionality for customers to submit registrations, view product details and business users to submit registrations, entitlements, asset information, account /contact information, Model Master Information etc. as a batch from various subsidiaries and view related information from Database by submitting the request.

**Roles and Responsibilities:**

* Gathering and Analyzing the Business requirements from the Business Owner / Managers and design a prototype, prepare specification and technical documents.
* End-to-end project development starting from Requirements gathering to research and planning to task management and testing and finally project closure and handover.
* Used Microsoft .Net Framework component LINQ (Language Integrated Query) for data querying capabilities.
* Used Agile practices and Test-Driven Development techniques to provide reliable, working software early and often
* Used data grid to review and modify manipulated data.
* Involved working with MVC 5.0 design Pattern Singleton for the rich user interface.
* Involved in using JavaScript, AngularJS, JQuery and AJAX for Client side validations and validating the input data using validation controls.
* Extensively used Entity Framework to work with data in the form of domain-specific objects and properties.
* Used Microsoft Azure to build, deploy and manage applications through the global network of datacenters of Toshiba.
* Used Oracle 11G for clustered servers to meet customer specific requirements from client side..
* Used ADO.NET to raise the level of abstraction for data programming, which helps to eliminate the impedance mismatch between data models and languages.
* SQL Server Data Tools (SSDT) for developing the Integration Services packages (SSIS Packages) for the business solution. Also, used SQL Server Management Studio for managing packages in production environment.
* Used Oracle database for storing all the data saved through the application, and migrated the historical data using SSIS.
* Developed SSIS packages for migrating data from Lotus Notes to Oracle tables
* LINQ was extensively used for native data querying capabilities.
* Developed new features and maintained modules on n-tier, multi-server web applications.
* Used Service Oriented Architecture which dealt with implementing the core services.
* Achieved real-time web functionality using SignalR
* Developed stored procedures for extracting data from Database in SQL server 2012.
* Used Bing Maps WPF Control to provide maps for various locations of offices, users, service centers.
* Used MVVM Design Pattern with Knockout JavaScript implementation for designing the WPF Architecture.
* Designed and developed RESTful service interface using Spring MVC to the underlying customer event API.
* Developed Custom User Controls using Partial views to reduce the Complexity in User Interface Coding and provide better look and feel.
* Added functionality in business layer and Data access layer.
* Responsible for designing and developing ASP.Net web pages using ASP.Net, Java script, SQL, HTML5, CSS3, LESS, Sass, AngularJS and AJAX, Web services.
* Used Selenium testing for Automation.
* Used TFS for integration, maintenance and security of code.

**Environment:** Visual Studio 2012, ASP.Net3.5, C#.Net, MVC 5.0, Razor View Engine, MVVM, Entity Framework, SignalR, ADO.NET, LINQ, SSIS Packages, SSDT, HTML5, WCF, CSS3, LESS, SASS, XML, AJAX, AngularJS, Knockout, TDD, BDD, SQL Server 2012, JavaScript, REST API, Selenium testing, IIS 6.0, TFS.

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**Lender Processing Services, Irvine, CA**

**Role: Application Developer May 2013 – May 2014**

Lender Processing Services, Inc. is a leading provider of mortgage and customer loan processing services, mortgage settlement services, default solutions and loan performance analytics, as well as solutions for the real estate industry, capital markets investors and government offices. The project REMetrics is a website portal featuring information in the fields of real estate and mortgages provides information via the internet to its clients. It provides real estate property data, mortgage data and related reports and data analytics information to the real estate industry, capital state investors and government offices.

**Roles and Responsibilities:**

* Involved in developing the web application with the **Interactive screens** using **HTML, CSS, and JQuery** in the Views, **C#.Net** to build Models and Controllers and **MS SQL Server 2012** database activity in the backend.
* Designing User Interfaces, Web pages using **Bootstrap, HTML,** **JavaScript, JQuery, Kendo UI,** **JSON**, **AngularJS** and **CSS** to enhance UI experience on Client-side.
* Involved in preparing Use Cases, Sequence and Class diagrams using MS Visio.
* Used **MVC** Design Pattern to decouple Data Access logic and Business logic from data presentation and user interaction.
* Extensively used Layout Pages, Web User and Custom Controls and Custom Web Parts, GUI controls in developing the front-end application and Multi-threading.
* Data Validators were performed using **validation controls** such as Regular Expression Validator, Required Field Validator.
* Used SOAP to access the web services.
* Developed an n tier service oriented e-commerce application
* Defined a template for the entire application consisting of many forms using Master Pages to achieve similar look and feel.
* Used JSON to pass Ajax updates between the server and the client for data interchange.
* Developed the Business Access layer with necessary validations using **C#.Net**.
* Created and re-used various User Controls for front-end Web forms using ASP.Net and C#.
* Handled Configuration (Session, Authentication and Authorization) for accessing of the secure logs by the developers, support teams and creating user login and privileges.
* Created Web Services in C#.Net to interact with the ASP.Net pages for various functionalities with XML as the interface.
* Cascading style sheets (**CSS**) and themes were used to attain uniformity through all pages.
* Used **LINQ** to retrieve information from the XML data files and database.
* Created **WCF** Service to look up and retrieve the data from database.
* Involved in **Database Design** of the application, creating **Complex Queries, tables** and **indexes** and wrote **stored procedures, triggers** using SQL Server 2012 R2.
* Involved in testing, Implementation of the application and writing the user manual.
* Used TFS for integration, maintenance and security of code.

**Environment:** C#.Net, VB.Net, ASP.Net, ADO.Net, MVC 5, Bootstrap 3.1.1, AJAX, JQuery, JSON, JavaScript, SOAP, XML, HTML5, Kendo UI, CSS 3, IIS , TFS, Visual Studio 2013, WCF, LINQ, SQL Server 2012, UML, Visio.

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**DIRECTV, El Segundo, CA**

**Role: .Net Developer May 2012 – April 2013**

DIRECTV delivers satellite based television services and video programming to subscribers and technicians provide installation, maintenance and repair services to their customers in the United States. The project **Field Service Scheduling and Routing (FSSR)** is a client/server application that provides a more efficient and effective way of scheduling service personnel and other field technicians. It is used for the creation and management of activities, orders, jobs, projects or any other types of work. It is integrated with DirecTV’s Resource Planning System for maintaining technician profiles, skills, location, availability and other information.

**Roles and Responsibilities:**

* Involved in developing the web application with the **Interactive screens** in the presentation layer, business logic in the middle layer using **C#.Net** and **MS SQL Server 2012 R2** database activity in the backend.
* Involved in preparing Use Case, Sequence and Class diagrams using MS Visio.
* Used **MVC** Design Pattern to decouple Data Access logic and Business logic from Data Presentation and User Interaction.
* Designed User Interface with Bootstrap CSS and Bootstrap JQuery, AngularJS and JavaScript.
* Extensively used Master Pages, Web User and Custom Controls, Infragistics and Custom Web Parts, GUI Controls in developing the front-end application and Multi-Threading.
* Used ASP.Net and Ajax to develop Interactive Web Forms throughout the application.
* Data validations were performed using **validation controls** such as Regular Expression Validator, Required Field Validator, and Compare Validator.
* Defined a template for an entire application consisting of many forms using Master Pages to achieve similar look and feel.
* Implemented AJAX and used Ajax control library toolkit to improve performance and features of application.
* Used JSON to pass Ajax updates between the server and the client for data interchange.
* Developed the Business Access layer with necessary validations using **C#.Net.**
* Created and reused various User Controls for front-end Web Forms using ASP.NET and C#.
* Handled Configuration (Session, Authentication and Authorization) for accessing of the secure logs by the developers, support teams and creating user login and privileges.
* Created Web Services in C#.Net interact with the ASP.Net pages for various functionalities with XML as the interface.
* Cascading Style Sheets (CSS) and Themes were used to attain uniformity through all pages.
* Used **LINQ** to retrieve information from the XML Data Files and Database.
* Created **WCF** Service to look up and retrieve the data from the database.
* Involved in **Database** **Design** of the application, creating **Complex** **Queries**, **tables** and **indexes** and wrote **stored** **procedures**, **triggers** using SQL Server 2012.
* Involved in Testing, Implementation of the application and writing the user manual.
* Involved in production support.
* Used TFS for integration, maintenance and security of the code.

**Environment:** C#.Net, ASP.Net, ADO.Net, AJAX, Bootstrap 3.1.1, Bootstrap JQuery, AngularJS, JavaScript, .Net Framework 4.5, XML, HTML5, IIS, TFS, MVC 5, JSON, Visual Studio 2013, WCF, LINQ, SQL Server 2012, SSIS, SSRS, UML, Visio.

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**Verizon Communications, Inc., Irving, TX**

**Role: Application Developer April 2011 – April 2012**

Verizon Communications, Inc. is the division of Verizon Corporation, which is categorized to perform Data Processing/Preparation, Custom Computer Programming, Data Processing, Hosting and Related services for Verizon Corporation. The project eOrdering – Product Manager is a combination of Business layer for Online Ordering application and an Intranet application created to assist the Developer and Support teams to analyze the Ordering flows and logs. The application ties together the different online ordering channels of Verizon.

**Roles and Responsibilities:**

* Involved in every phase of **SDLC** including **Requirements Collection**, **Design** and **Analysis** of the Customer Specifications, **Development** and **Customization** of the Application.
* Analyzed requirements and developed Class Diagrams, Use Case Diagrams and Sequence Diagrams using UML with Rational Rose and MS Visio and prepared technical design document for the requirements.
* Developed the **3-tier** intranet application with the **Interactive Screens** in the presentation layer, business logic in the middle layer using **C#.Net** and **SQL Server** database activity in the backend.
* Developed XSL style sheets and used XSL-FO for formatting **XML** and **XSLT** to transform XML data to HTML.
* Designed User Interface with Bootstrap CSS and Bootstrap JQuery, AngularJS and JavaScript.
* Used ASP.Net and **Advanced .Net Control Libraries** to develop Interactive Web Forms throughout the application.
* Extensively used **AJAX** for partial page execution, Drop down extender, Hover menu extender and Modal popup extenders for asynchronous data transfer from web server to the client.
* Migrated the functionality from existing ASP pages to new ASPX pages and added new functionality to reflect the Business User’s Requirements.
* Designed and developed **Master Pages** and **Web User Controls**.
* Involved in developing **Cascading style sheets** and utilized them in the web pages.
* Performed data validations using **validation controls** such as Regular Expression Validator, Required Field Validator and Compare Validator.
* Used **Authentications** and **Authorizations** to perform necessary client side validations.
* Developed the Business Access layer with necessary validations using **C#.Net**.
* Data Access layer was developed using **ADO.Net** features like Data Reader, Data Set, Data Adapter.
* Used **LINQ** to **SQL** to work with querying the SQL Server database.
* Involved in creating tables and developing database in **SQL Server 2012**.
* Developed Stored Procedures, T-SQL Triggers, Functions and Views as required by the application.
* Developed **WCF** services to retrieve the data from database.
* Used **SSIS** Wizards to Merge and transform the data of different formats.
* Involved in code review, reviewing test cases and **unit test** cases.
* Involved in data analysis, data manipulation and preparing the technical and user documentation.
* Used Team Foundation Server (**TFS**) for integration, maintenance and security of code.

**Environment:** C#.Net, ASP.Net, ADO.Net, AJAX, JavaScript, bootstrap 3.1.1, .Net Framework 4.5, XML, XSLT, HTML 4.0, IIS, TFS, Visual Studio 2013, WCF, LINQ, SQL Server 2012, SSIS, UML, Visio.

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**Anvil Systems Pvt. Ltd., Hyderabad, India**

**Role: Software Engineer February 2009 – March 2011**

Horizon Travels reservation and cancellation system was developed to keep track of the reservation and cancellations of the tourists. This project is to develop the reservation/cancellation screens and the inquiry screens for the passengers and other interfaces that the passengers can query on using the Microsoft visual studio tools. C# was used for the user interface and business rules. The database was developed on SQL server 2005.

**Roles and Responsibilities:**

* Performed data validations using **validation controls** such as Regular Expression Validator, Required Field Validator and Compare Validator.
* Involved in **designing, architecting** .NET and SQL Server in Backend.
* Created Web forms using ASP.Net /.NET Framework for Log on, account information, Category plans using Server controls and C#.
* Involved in preparing design documents, developing use cases, identifying classes and Objects, drawing class diagrams, sequence diagrams using **UML** and identifying the design patterns, frameworks to be used during implementation.
* Created Maintenance screens to Add/Modify/Delete using Data grids, Data Readers and Datasets.
* Used **ADO.Net** in connecting to **Data Access management** with **SQL Server 2005**
* Used **HTML, AJAX** and **JavaScript** to develop and implement a user-friendly UI design for the presentation layer.
* **ASP.Net AJAX** for checking login credentials by partial page updates.
* Client side and server-side validations done using C#.NET and Validation Controls.
* Designed and developed the **C# components** for implementing **business logic** which is used to do the transactions on database in middle tier using ADO.NET
* Implemented Data Integrity using Constraints, Indexes, and Foreign Key Relationships, Managed Transactions.
* Created **Triggers**, **Stored Procedures** and database functions in SQL Server 2005 for interacting with the customer Data and get the Category Plans.
* Developed XML Web Services for calculating the Annual Prime Rate based on the type of card, line of credit.
* Involved in product life cycle development from inception through design, coding, testing, quality assurance, implementation and support.
* Designed and Administered Security policies using role based security and code-based security.
* Involved in the **unit testing**, **system testing** and **integration testing** of the developed components.
* **Visual Source Saf**e is used for source control management.
* Used **Crystal Reports** and **Excel Reports** to generate reports with C#

**Environment:** ASP.Net, C#, ADO.Net, XML Web Services, UML, XSLT, Crystal Reports 9.0, AJAX, JavaScript, HTML and SQL Server 2005, Remoting, IIS, Windows 2003