

Sai Karthik Nukala

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**PROFESSIONAL SUMMARY**

* Around 7 years of experience in software development life cycle (SDLC) and Agile including analysis, designing, developing, testing and implementation of Web and Windows based applications with N-Tier architecture using Microsoft Technologies.
* Experience building various web and desktop applications under .NET Frame work 3.0/3.5/4.0/4.5 using C#. Net, ASP.Net, ADO.Net, ADO.Net, Angular 5/4/2/1.6, Entity Framework, LINQ, Ajax , SQL Server.
* Utilized ADO.Net, LINQ and ADO.Net entity frame work for database operations between web applications and database.
* Good experience in XML for representation of arbitrary data structures in Web Services and XML based languages (SOAP and WSDL).
* Excellent knowledge in developing Web Services, SOAP, XML, IIS, Java Script, AngularJS and JQuery.
* Experience using HTML, XHTML, DHTML, Master Pages, Site Map, JavaScript, AngularJS and CSS for presentation of web pages and AJAX for asynchronous communication with the server of web application.
* Hands on experience in (SQL SERVER) Database Design and Development, Writing Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers, and User Defined Functions using T-SQL.
* Experience in OOAD using various UML diagrams like Use Case, Class, Interaction, State, Activity diagrams.
* Strong experience in architecture patterns like Model View Controller (MVC), Model View Presenter (MVP) and Model View (MVVM).
* Experience in Creating Telerik UI and Kendo UI along with ASP. Net, C# .Net and AngularJS pages.
* Experience in Telerik UI RDLC Reports, Telerik UI Rad Grid, Kendo UI Grid.
* Experience working with web servers, such as IIS, and with source repositories, such TFS (Team Foundation Server).
* Experienced in utilizing the new integrated features of ASP.NET 4.5/3.5/3.0 versions like Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF).
* Developing applications leveraging ADO.NET, LINQ to SQL, Entity Framework.
* Extensively Used LINQ to SQL, LINQ to XML and LINQ to Objects for retrieving the data efficiently and Just in Time manner.
* Experience in Following HIPPA policy from the work in Health Care Domain.
* Experience in making sure never the personal Details of the people such as SSN, Address, Phone number etc were displayed on pages where it wasn’t supposed to and when needed to commutate with team members and share such data used Secure in subject to encrypt the email so the email data can’t be sent outside companies network communication.
* Experience using Aspose for generating Excel downloadable data from UI.
* Experience in drawing Use Case, Sequence, and Class Diagrams using Microsoft Visio.
* Expertise in working with ADO.NET components such as Dataset, Data Adapter and Data Reader.
* Experience using Waterfall, Agile software developmental methodologies.
* Experience in developing reusable component like user controls and custom controls.
* Designed and developed several packages to transfer the data between the different environment systems and/or export the data to other applications using Sql Server Integration services (SSIS).
* Experience in building reports using Sql Server Reporting Services (SSRS).
* Experience in unit testing using Microsoft Visual Studio Unit testing framework.
* Experience in creating Stored Procedures, Functions, Views, Models, Controller, Cursors and Triggers and imports and exports of Data.
* Ability to handle multiple tasks and demonstrates initiative and adaptability and capable of handling responsibilities independently as well as a proactive team member.
* Excellent analytical, communication, interpersonal and decision making skills and is well motivated to rapidly acquire new skills on the job.

**TECHNICAL SKILLS**

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| **Languages/Web technologies/Scripting** | C, C++, C#, VB.Net, T-SQL, PL-SQL, HTML, DHTML, XML, XAML, CSS, AJAX, Silverlight 3.0,, Java Script, Angular5, UNIX Shell Scripting, batch file scripting, JQuery, Python, PERL |
| **RDBMS** | MS SQL Server 2012/2008 R2/2005/2000, Oracle 8i/9i MS ACCESS, Enterprise/SQL Server 6.5/7.0, SQL Server Management Studio (SSMS) 2005/2008 |
| **Servers** | IIS 6.0/7.0 |
| **Environments** | Microsoft Visual Studio 2003/2005/2008/2010/2012/2013, .Net frameworks, Ninject – dependency injector. |
| **Designing Tools** | Adobe Photoshop CS, Adobe Image Ready CS, Macromedia Flash, Rational Rose 2008 |
| **Operating Systems** | Windows NT/2000/XP/7/8 MS DOS, Mac OS, UNIX GUI |
| **Data Administration** | SQL Server DBA activities (performance tuning, and import/export of data using DTS packages, writing scripts for automating various tasks) |
| **SQL Server TOOLS** | DTS, BIDS (SSIS, SSAS, SSRS), BIMS, Query Analyzer, Enterprise manager, ODBC, ADO, Data warehouse. |

**PROFESSIONAL EXPERIENCE**

# Wells Fargo, Sioux Falls, SD April 2017 to Present

**C# Web Developer**

Title: Change Control

Description: Change Control is an internal project that is used for the purpose of pushing a change from one environment to another. This project is the rewrite of the old legacy application to accommodate the necessary separation of duties and standards.

Title: APE (Automated Processing Environment)

Description: APE is an internal project that is used for running work units and manage access permissions to existing pages or applications , it is also used for maintenance of applications in the respective environments and to schedule and run work units.

Title: PAM (Program Access Management)

Description: PAM is an internal project that is used for monitoring changes that are being done by each and every team that would affect the tables that are commonly used and business justification and necessity for this change where others who would use same table would accept, deny or make appropriate changes for their processes to accommodate the change without stepping on each other’s toes.

**Responsibilities:**

* Extensively involved in all stages of Sprint, Release, Review, Design, Production Migration planning. Followed Agile Methodology to produce high Quality Application.
* Involved in creating Models, Views, View Models and Controller hybrid MVVM MVC architecture.
* Used OOAD when creating classes.
* Designed the application using MVVM MVC Hybrid architecture that promotes a Partial separation of the presentation, business logic and data access tiers.
* Designed the application using MVC architecture that promotes a Complete separation of the presentation, business logic and data access tiers.
* Refactoring the user interface using ASP, C#, KnockoutJS, HTML, MVC and MVVM.
* Used LINQ to Objects and LINQ to XML to query the data model and manipulate the data.
* Involved in unit-testing of web application using Visual studio unit testing Framework.
* Provided Production Support.
* Implemented changes in coding and designs using knowledge of WPF and VB .NET
* WPF is used to develop and create attractive and effective user interfaces.
* As Developer, created reports using .Net and Angular 5 against LDAP server in support of a centralized SSO migration initiative
* Used TFS for version Controlling and Continuous Integration.
* Exclusively used the library, Recipe Framework which is provided by the Guidance Automation Extensions (GAX).
* Designed Complex Queries in DLL’s to fetch and query the data based on business logic that has to apply before showing the resultant set data.
* Used Lambda Expressions to perform data checks and apply conditions on Data.
* Used LINQ to fetch data and simplifying complex queries.
* Extensively used web API for MVC MVVM Hybrid structured project solutions.
* Strictly followed coding standards like naming conventions while developing Classes, Methods, Variables and database stored procedures.

**Environment:** Visual Studio 2015, VB.net, .NET Framework (2.0, 4.0, 6.4) , C# 4.0, MVC 4, MVVM MVC hybrid architecture , KnockoutJS, LINQ ,SQL Server 2008, Angular5, WPF, HTML5, CSS3, JavaScript, jQuery, AJAX, SSRS, XML, TFS, IIS, RDLC Report, Bootstrap, Entity Framework.

# Florida Blue, Jacksonville, FL March 2016 to April 2017

**C# Web Developer**

**Title: Provider Profiling and Provider Analysis**

**Description:** Provider profiling is an External application Tool designed for Avility whereas Provider Analysis is Internal Application tool For BCBSFL. Both of them are used for showing Provider, Member, Medicare Plans (HMO or PPO) details and detail RDLC reports for data that is available depending on the Filter conditions that are chosen over that available data which are daily refreshed.

**Title:** QRPM (Quality Revenue Program Management)

**Description:** QRPM is an application which Consists of WIT (Workflow Inventory Management Tool) and MOTT (Member Outreach Tracking tool) tools that enable the vendors to Upload files and these files are consumed and processed and processed files data is shown in tool so that the people that use the tool can know what exactly is the File status in the process follow is and the process flows are divided into Inbound and Outbound process. Outbound process is where the vendors upload files and charts data of the clients and the tool does some validations that are depended on business logic that check if data is sent in expected way so that data can be mapped and loaded using the ETL process then sent to the next process step via secure SFTP accounts till the reach the end clients and consumed and processed and sent back updated data this is the Inbound process where the data is sent back via secure SFTP accounts and the data is updated using ETL in the databases with appropriate flags and this Updated data is seen in the tool for better understanding what the Members are being charged by the providers as they are supposed and if the members were chased and were timely tests were taken or not if not taken they tool lets the users see who needs to be chased and for what kind of tests that are mandatory for the particular member.

**Responsibilities:**

* Extensively involved in all stages of Sprint, Release, Review, Design, Production Migration planning. Followed Agile Methodology to produce high Quality Application.
* Involved in creating Models, Views and Controller using Telerik Kendo UI grid and Telerik controls in C #.
* Developed Models, Views, Controller using Guidance package Manger used MVC model.
* Involved in creating Models, Views and Presenter using Telerik Radgrid UI and Telerik controls in ASP, C#.
* Developed Models, Views, Presenter using Guidance package Manger used MVP model.
* Used OOAD when creating classes.
* Designed the application using MVP architecture that promotes a Partial separation of the presentation, business logic and data access tiers.
* Designed the application using MVC architecture that promotes a Complete separation of the presentation, business logic and data access tiers.
* Analyzed and designed new WPF application using MVVM and Repository pattern.
* Refactoring the user interface using ASP, C#, AngularJS, HTML, MVC and MVP.
* Used LINQ to Objects and LINQ to XML to query the data model and manipulate the data.
* Involved in unit-testing of web application using Visual studio unit testing Framework.
* Provided Production Support.
* Used ANK SVN, Tortoise SVN for version Controlling and Continuous Integration.
* Used Beyond Compare to Compare code changes.
* **Used a lot of Telerik UI (RAD) Controls.**
* Extensively used advanced Telerik UI Controls like Rad Grid, Rad TabStrip, and Rad Window.
* Extensively used advanced Kendo UI Controls like Kendo Grid, Row Template and Badge.
* Reporting Tools Telerik Reports (RDLC).
* Good Knowledge on third party Telerik controls, Kendo User Interface.
* Telerik User Interface (Kendo UI) Bootstrap 3.0 with Responsive design adopted to mobile View.
* Used Aspose to get Grid data to be populated in Excel which enabled User to download grid data to Excel sheet.
* Exclusively used the library, Recipe Framework which is provided by the Guidance Automation Extensions (GAX).
* Designed Complex Queries in BLL’s to fetch and query the data based on business logic that has to apply before showing the resultant set data.
* Used Lambda Expressions to perform data checks and apply conditions on Data.
* Used LINQ to fetch data and simplifying complex queries.
* Extensively used web API for MVC structured project solutions.
* Strictly followed coding standards like naming conventions while developing Classes, Methods, Variables and database stored procedures.

**Environment:** Visual Studio 2013, .NET Framework 4.0, C# 4.0, MVC 4, MVP, AngularJS, LINQ ,SQL Server 2008, HTML5, CSS3, JavaScript, jQuery, AJAX, SSRS, XML, NUnit, SVN, IIS, Telerik UI , WPF, Kendo UI, Aspose, RDLC Report, Bootstrap, Beyond Compare, IBM Data Studio, DB2

# First National Bank, Omaha, NE May 2015 to Feb 2016

**WCF .NET Developer**

**Title: First National 2**

**Description:** The Project was the being upgraded from old JavaScript code to new C# code and fixing any bugs and issues with the old code on the fly that were found in production. The tool was a teller machine where when people (Customers) called in to get bank statements and various bank account information the people taking the call use this tool to look up the account details in the User Interface and verify that the person on the call is the authorized user and then help them with the details they request The accounts are divided into three categories Public, Private and Business accounts and data in private accounts are generally masked in UI that would generally shown in Public accounts. The UI makes sure that any details that need to be masked are masked and helps the teller to help the customer in any way possible.

**Responsibilities:**

* Discussed with Team leads and all developer group teams from the start on any impediments or any particular code that we need to rethink how we approach it or how a certain requirement coding issue should be dealt.
* Determined time taken for particular task of Work to complete.
* Provided technical support to team members and to have better understanding of what the user story requirements and design could be done for the particular story.
* Wrote View models, code behind, models and done designing in xaml for the WCF project.
* Developed WCF code from java scripts to have same or similar functionalities as the previous website.
* Developed UI components using WCF,C#.
* Good experience with using Rhino mocks for Unit testing.
* Strictly followed coding standards like naming conventions while developing Classes, Methods, Variables and event handlers.
* Involved in building WCF pages for already existing Javascript pages.
* Implemented MVVM and better support for the broken java script code and deficient java script logics and fixed them.
* Involved in unit testing and provided production support.
* Dealing with users requirements and complying with systems functionality including new development of application.
* Handled the support phase as well.

**Environment:** .NET Framework 4.5, Rhino Mocks – unit testing, Microsoft Visual Studio.NET 2013 (WCF, C#.NET), Tortoise SVN, Ankh Svn.

# Warner MusicGroup, NYC, NY April 2014 to April 2015

**.NET Developer**

**Responsibilities:**

* Discussed with multiple business teams from the start on requirements gathering and use case creation.
* Determined Project scope, estimation and Statement of Work and delivery schedule.
* Stood Key participant in Architectural discussions with the Architecture team.
* Performed Risk analysis and making proper plans to mitigate the risks.
* Provided technical support to team members and conducting knowledge sessions on project requirements, design and coding standards to the team.
* Azure SQl Database
* Design and Implemented WCF services layer hosted on Windows Azure.
* Deployed application on Azure platform.
* Wrote SQL queries, complex stored procedures and triggers in SQL SERVER 2008/2012
* Developed backend stored procedures and one time Data scripts for one time load of static data using SQL server 2008\2012.
* Developed UI components using ASP.NET and C#.
* Good experience with Ninject – dependency injection.
* Strictly followed coding standards like naming conventions while developing Classes, Methods, Variables and database stored procedures.
* Involved in building ASP.NET pages from already existing HTML pages.
* Implemented form validation, application cache and geo-location properties of HTML5 and used Modernizer for backward browser compatibility.
* Used.NET Validation Controls for Server side validation.
* Used .NET Web Controls, Validation Controls and User Controls.
* Involved in unit and integration testing and provided production support.
* Dealing with users requirements and complying with systems functionality including new development of application.
* Customizing Visualizations and dashboards – Presenting data to be customized using grids, charts and IFRAMES and few web resources.
* Handled the support phase as well.

**Environment:** .NET Framework 4.5, Ninject – dependency injector, Microsoft Visual Studio.NET 2012/2013 (ASP.NET, C#.NET, ADO.NET), TFS, Bootstrap, IIS, SQL Server 2012/2008, Azure

# United Health Group, Hopkins, MN Apr 2013 – Feb 2014

**C# / .NET Developer**

**Responsibilities:**

* Extensively involved in all stages of SDLC. Followed Agile Methodology to produce high Quality Application.
* Involved in creating Models, View Models and DAL using Entity Framework and C#.
* Implemented Remote Validation and unobtrusive JavaScript and JSON.
* Developed Views using Master Pages, Layouts, Partial Views, custom HTML helper and jQuery with Razor view engine using MVVM model.
* Designed the application using MVC architecture that promotes a clear separation of the presentation, business logic and data access tiers.
* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Migrated SQL Server 2008 database to Windows
* Implemented WCF service and developed Asynchronous callback methods in Class Library project to communicate with different layers of the solution.
* Worked on designing and coding (WCF) Service Contracts, Data Contracts and Operation Contracts.
* Refactoring the user interface using HTML and MVC Razor.
* Used LINQ to Objects and LINQ to XML to query the data model and manipulate the data.
* Involved in unit-testing of web application using Visual studio unit testing Framework.
* Used SVN for version Controlling and Continuous Integration.

**Environment:** Visual Studio 2010, .NET Framework 4.0, C# 4.0, MVC 4, Razor, WCF, Entity Framework, LINQ ,SQL Server 2010, HTML5, CSS3, JavaScript, jQuery, AJAX, SSRS, XML, NUnit, SVN, IIS, Azure

**TideWater Inc., Houston, TX Aug 2012 – Mar 2013**

**.NET Developer**

**Responsibilities:**

* + Responsible for Designing, coding, developing and implementing application using C# and ASP.NET.
  + Developed web pages and validated these pages using ASP.NET, XHTML and C#.
  + Extensively used AJAX to present a very intuitive user experience.
  + Implemented SOA with creating and consuming Web Services in C#.Net in .Net 3.5.
  + Client side validation was done using JavaScript and Configured the IIS.
  + Used ASP.NET validation controls (Required field validator, regular expression validator, compare validator, range validator), User Controls, Custom Controls, Data Grid Web Control.
  + Designed and developed Rebranding controls as a User Controls in Silver light 2.0
  + Working with ASP.NET Master Pages that were common throughout the application and content pages.
  + Extensively used XML for data transfer across different systems and XSLT for transformations.
  + Used CSS for adding fonts, colors and styles to the web document.
  + Developed reusable and controls using ASP.NET and C# in the .NET Framework 3.5.
  + Developed GUI module using MVP pattern.
  + Wrote SQL Queries, Stored procedures and used ADO.NET components - Data Reader, Data Adapter, SQL Command and Dataset for retrieving data from database.
  + Used SQL Server 2008 to write Stored Procedures, User Defined Functions, Views etc to handle all data manipulation.
  + Used ADO.NET extensively for data retrieving, querying, storage and manipulation.
  + Used Visual Source Safe for Version Control.
  + Developed ASMX services in getting the details of the User.
  + Performed unit testing on every new version before sending it for User Acceptance Test (UAT).
  + Made use of the JavaScript functions for browser Check of the application.
  + Handled Configuration (Session, authentication and authorization, custom errors, tracing and so on) or the online transactions by the customer and creating user login and privileges.
  + Migrated some of the modules from .Net Framework 2.0 to 3.0.

**Environment: .**Net Framework 3.5, C#.NET, Visual Studio 2008, ASP.NET 3.0, Web Services, ADO.NET, SQL Server 2008, XML, HTML, XHTML,CSS, XSLT, XPath, JavaScript, IIS 6.0, SOAP, Crystal Reports, SSRS, SSIS.

**Wells Fargo, San Antonio, TX Oct 2011 – July 2012**

**.NET Developer**

**Responsibilities:**

* Worked on projects to make enhancements to the home grown web application and windows application.
* Used Server side Asynchronous JavaScript and XML (AJAX) techniques to improve performance.
* Involved in developing front end using ASP.NET, HTML, and CSS.
* Design and development of SOA web-services using Asp.NET & WCF Rest Service.
* Designed Cascading Style Sheets for uniform look of the web pages.
* Provided extensive security using JavaScript validations wherever necessary and to validate the user input and also ensure better performance reducing post backs.
* Used JQuery to simplify the HTML document traversing and event handling for UI components.
* Used JQuery Library for emphasizing interaction between JavaScript and HTML.
* Written JavaScript for some of the UI controls like buttons and watermark, etc.
* Written Qunit test suite for the JavaScript files test pages.
* Used agile methodologies to minimize the risk by developing software in short amounts of time.
* Involved in writing LINQ to SQL queries in Business layer.
* Involved in Unit Testing and Integration Testing of Different Modules
* Worked with WCF.
* Hands on experience in .NET Server Controls, Web User Controls, Data Grid Web Control, and Form Validation Controls and Custom controls.
* Used JavaScript for client side validations.
* Implemented MVC 3.0 architecture to build ASP.NET application.

**Environment:** Windows XP, Windows Server 2008/2003, ASP.NET, Client Server Architecture, VS.NET 2008, C#, ADO.NET, .Net 3.5, VSS 6.0, SQL Server 2008, XSD, Crystal reports and Oracle

**Peoplecorp - 7 Eleven Inc. - Offshore Team, India April2010 – June 2011**

**.NET Developer**

**Responsibilities:**

* Involved in the intermediate meetings for the requirement gathering.
* Actively involved in designing the logical and physical architecture for database.
* Implemented 3-tier architecture to separate the application and database functionality
* Involved in creating the Functional and Technical Documents.
* Involved in designing the UML Class Diagrams of the system.
* Created components using VB.NET and C#.
* Created Business Logic Layer (BLL) and Presentation Layer in VB.NET.
* Implemented web services to retrieve data from different database servers and to create the employee details in a format required by the company.
* Implemented many AJAX controls to improve the performance of the web pages.
* Used different bindings for WCF service to support different protocols.
* Involved in the parsing of the XML Documents and transformed XML document to the XHTML format using XSLT.
* Used Master Page’s templates, CSS & Themes to define unified look and feel for the application.
* Client side validation of pages done in JavaScript and validation controls like Required Field, Range, Custom and Compare Validator were incorporated for server side validation
* Implemented Data access layer (DL) using ADO.NET with oracle database by creating Functions, Triggers and Store Procedures.
* Prepared reports using oracle database Reporting Services.
* Developed Win Forms and ADO.NET components in C#.
* Involve in the Code Review Process and testing the application using NUnit.
* Used Team Foundation Server for Version Control.
* Fixing current bugs on client and server applications

**Environment:** Windows XP, Windows Server 2008/2003, ASP.NET, Client Server Architecture, VS.NET 2008, C#, ADO.NET, .Net 3.5, VSS 6.0, SQL Server 2008, XSD, Crystal reports and Oracle

**EDUCATION**

Bachelors of Technology in Computer Science.