**LAKSHMI BOYANAPALLI**

**PROFESSIONAL SUMMARY**:

* 12+ years of experience in Microsoft technologies like ASP.Net, VB.Net, ADO.Net, C#, Web Services, VBScript and other technologies like JavaScript, HTML, XML, CSS, Ajax.
* Experience in Client Server, Internet/Intranet application development with extensive data processing application software design, development, testing and maintenance
* Experience in designing and implementation web applications using ASP.NET including client-side scripting using JavaScript
* Used different databases systems like Oracle 11g/10g/9i/8i, SQL Server2000/2005/2008/2012
* Expertise in developing Console, Windows and Web Applications using C#, VB.NET and ASP.NET in Visual Studio **2005/2008/2010/2012/2013/2015/2017/2019/2022**
* Expertise in Developing the Windows Services in order to control applications to work in a timely fashion.
* Expertise in writing Stored Procedures, Triggers and Functions using LINQ, T-SQL, SQL Developer
* Experienced in Object Relational Mapping (**ORM**) using **ADO.NET**, **Entity framework**, **LINQ** and Lambda expressions
* Thorough understanding of **SOAP** and **REST API’s**
* Expertise in design, development and implementation of Client/Server Application using Microsoft Visual Basic .Net, Microsoft Visual C# .NET and Microsoft Visual Studio .NET.
* Experience in developing Service Oriented Architecture (SOA) Enterprise Applications using XML Web Services.
* Knowledge of XML related technologies such as XML/XSL, XSLT, DTD, XML Schema, DOM, SAX, SOAP, WSDL, Web-Services, and VBScript.
* Experience in programming in AJAX and client-side Code Implementation.
* Experience in working with Visual Source Safe and Subversion Version Controls.
* Experience in Working with **Agile programming** techniques.
* Experience in object-oriented programming (OOPS), Object Oriented analysis (OOA) & design (OOD) and development using VB.Net and C# on Windows platforms.
* Proficient in Web Services, SOAP, XML, DTD, XML Schema, CSS, DOM, HTML, AJAX and JavaScript.
* Created deployment packages for Applications using Visual Studio.Net Startup Project, which involves creating native image of an assembly, installing an assembly in Global assembly cache (GAC)
* Worked extensively with Data Adapter, Dataset, Data reader as a part of ADO.NET to access and update databases.
* Experience in developing Microservices using .Net Core
* Experience in creating Containers by Docker for Microservices
* Extensive experience in SQL Server Database design, Database maintenance, developing T-SQL queries, stored procedures, and triggers using **SQL Server** **2005/2008/2012/2014/2019**
* Good working knowledge with designer tools such as Microsoft Visio
* Good working knowledge in designing Use Case, Class, Sequence, Collaboration State, Component, Deployment, Activity diagrams using UML
* Expert in debugging an application using the debugging tools provided by the Visual Studio.Net IDE.
* Excellent verbal and written communication skills, a super works ethic, and the ability to work well in a team or individual environment and also extensive mentoring experience
* Experience in creating SSRS reports.
* Have knowledge on MongoDB
* Good working knowledge in SSIS.
* Good experience in **TFS/VSTS/Devops**
* Have Knowledge and some experience in AngularJS and Angular 2

**EDUCATION**:

* Bachelors in Computer Science and Engineering from JNTU, Hyderabad, India.
* Masters in Technology Management from Bridgeport University, Bridgeport, Connecticut.

**TECHNICAL SKILLS**:

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| Microsoft Technologies | C#, VB.NET, ASP.NET, ADO.NET |
| Databases | Oracle 8i/9i/10g/11g, SQL Server 2000/2005/2008/2012/2019 |
| Web Technologies | HTML, XML, AJAX, JAVA Script, VB Script, CSS, XSL, XSLT, JQuery, Angular |
| Other Technologies | Web service, SOAP, WSDL, Windows Services, WebAPI, Microservices |
| Design & Development Tools | Visual Studio 2003/2005/2008/2010/2012/2013/2015/2017/2019, MS VISIO, Visual Safe Source, TFS/VSTS/Devops |
| Methodologies | OOAD, UML and Design Patterns, Agile, SDLC |
| Web Servers | IIS 5.0, 6.0, 7.0 |
| Reporting Tools | Crystal Reports 8.5/9.0/Crystal Reports.Net, SSRS |
| Operating System | Windows 9x/NT/2000/XP, Vista/8, 10 |
| Protocols | HTTP, FTP, TCP/IP, UDDI and SOAP |

**PROFESSIONAL EXPERIENCE**:

Client: MedScope, division of Medical Guardian, Philadelphia, PA

Role: Programmer Analyst September, 2022 – Present

Project: CRM Enhancements

Description: CRM Enhancements and Break fixes implemented on project-by-project basis with some customizations to CRM entities.

Responsibilities:

* Requirement gathering and its implementation in Dynamics CRM
* Created Plugins, Workflows, and custom client-side scripting.
* Unit testing and Deployment for solutions
* Customization of MS Dynamics CRM in .NET C#, JavaScript. Take responsibility for small- and large-scale projects.
* Involved with the team in developing CRM portals in Asp.net MVC 5, Plugin, Custom Workflow & JavaScript web resources.
* Worked on Enhancements by understanding the requirements
* Bug fixing and technical guidelines to another developers/Consultant.

Client: WellDyneRx, Lakeland, FL

Role: .Net Developer February, 2022 – August, 2022

Project: WellDyneRx API Services

Description: WellDyneRx is a company which provides all the services of a PBM (Pharmacy Benefit Management) and serves clients who are Employers, Hospital and health systems, Unions, TPAs, state and local government and Health Plans etc. with Pharmacy options and health providers. The project is about creating the microservices for taking the inbound and refill orders and process the member/patient information in Member Management and epost and also track and send notifications of the order status to the clients of WellDyneRx. In order to achieve these services, several Web APIs and handler applications have been developed and integrated. These services have been designed to make available to WellDyneRx clients to process orders of the Members/Patients based on release timelines.

Responsibilities:

* Closely worked with Analysts to understand the requirements from partners and created user stories and tasks to implement the functionality
* Understood the requirements and developed WebAPI’s for **Microservices** for identifying the clients and taking the information from the message based on subscriber keys.
* Implemented microservices for handler services for inbound orders that take information from APIs and process the business rules and saves data in Member Management and epost
* Worked on different aspects of PBM functionalities like adding new members/patients and process their orders and also managing the existing members/patients etc.
* Implemented the functionality in .Net core 5.0, Web **API, Entity Framework** using **visual studio 2022**
* Created **API**s in .Net Core for implementing new functionality like adding new clients, member Info and drug Info etc. to the Postgres DB
* Did unit testing on functionality developed or modified by testing all possible scenarios for everything for each API and Handler service
* Implemented unit test cases for each method developed while developing the functionality Member management and epost
* Involved in consuming XML web services using microservices.
* Worked on enhancements in **Agile** methodology
* Applied **SOLID** principles and **design patterns** to design and develop loosely coupled objects while developing the functionality using C#, **OOPS**
* Had some **Azure/Devops** experience on **CI/CD**
* Have little exposure to AWS and NServiceBus
* Got an opportunity to get little bit exposure to MongoDB

Environment: C#.Net, .Net core 5.0, Visual studio 2022, VSTS/Devops, .Net Framework 4.6, microservices, SQL Server 2019, Entity Framework 5, LINQ, Web Api, AWS, SQS, PostgresDb, PGAdmin 4.0, NServiceBu

Client: Geico, Chevy Chase, MD

Role: Sr .Net Developer November, 2021 – January, 2022

Project: DMV Re-write project

Description: The project is about DMV from all states who would like to check with Geico to make sure the customers have valid Insurance and closed insurance services from Geico in two ways. One way is online verification and another way is Book of Business. In order to achieve this service, several Web Api applications and UI applications have been developed and integrated. These services have been designed to make available to certain states based on releases and timeline.

Responsibilities:

* I have mostly worked on Sonar Qube issues in Businnesrules Api and Reporting Api to make sure the applications are clean and working as expected without any issues before the release date
* Closely worked with other developers who have worked the functionality to make sure functionality is not changed while fixing the sonar qube issues
* Also worked on writing test cases for the functionality developed for code coverage and code quality improvement

Environment: C#, ASP.Net MVC 4/5, .Net core 3.0, Visual studio 2019, VSTS/Devops, .Net Framework 4.6, SQL 2019, JavaScript, HTML 5, CSS 3, Web Api, Angular

Client: Geico, Chevy Chase, MD

Role: Sr .Net Developer February, 2021 – October, 2021

Project: Multiline Partners Deliverables Project

Description: The project is about Geico partners endorsements sales and enhancements project in HISS (Home Insurance Sales and Services). And a career service application which are APIs or Cross sales service created to offer services for the use of third-party applications and also with use of restriction services (Cobra) based on zip code will redirect the carrier services available for that location.

Responsibilities:

* Worked on HISS and Carrier Service solutions for Geico Partners to maintain and support by doing enhancements and new functionality requested by Geico Partners like Sagesure, Libery Mutual, Assurant, Travelers, Stillwater etc.
* Closely worked with Analysts to understand the requirements from partners and created user stories and tasks to implement the functionality
* Understood the requirements and implemented new business rules like **underwriting questions** and modifying the existing rules to extend certain services to other states while developing the functionality
* Implemented new functionality by adding coverages and extending certain coverages to couple more states for Travelers, Stillwater and Assurant.
* Worked on different aspects of HISS UI functionalities like adding underwriting questions to different carriers limited to specific states, adding new questions to the interviews, updating the packages etc.
* Implemented new functionality in .Net core Web Applications using **MVC, Entity Framework** using **visual studio 2019**
* Modified **Carrier services** to implement the functionality of adding extra options in coverages for Stillwater, Travelers and Assurant
* Developed UI screens based using **razor, CSS** etc.
* Created **API**s in Carrier service for implementing new functionality like adding questions to the interview in HISS UI, Domain Model, Core Models, carrier services and in database
* Almost had a year experience with domain models such as **Domain Driven Design**
* Did unit testing on functionality developed or modified by testing all possible scenarios for everything for each carrier
* Implemented unit test cases for each method developed while developing the functionality for code coverage and code quality improvement
* Worked on enhancements and bugs in **Agile** methodology
* Applied **SOLID** principles and **design patterns** to design and develop loosely coupled objects while developing the functionality using C#
* Designed the complete solution using N-tier architecture model using **OOPS**
* Worked on enhancements like adding and removing of coverages and coverage options for couple of carriers in carrier service to hide/show in quote page
* Had hands on experience on **CI/CD** pipelines using **Git**

Environment: C#, ASP.Net MVC 4/5, .Net core 3.0, Visual studio 2019, VSTS/Devops, XML, .Net Framework 4.6, SQL 2012/2014, JavaScript, LINQ, HTML 5, CSS 3, Web Api, IIS 7.0, JQuer

Client: Geico, Chevy Chase, MD

Role: Sr .Net Developer March, 2020 – December, 2020

Project: Production Maintenance Support

Description: The project is about Geico endorsements sales maintenance and enhancements project in HISS (Home Insurance Sales and Services). And a career service application which is about APIs or Cross sales service which is created as services for the use of third-party applications with use of restriction services (Cobra) based on zip code will redirect the carrier services available for that location which was handled by another team.

Responsibilities:

* Worked on HISS and Carrier Service project for maintenance and support work by doing enhancements
* Closely worked with Analysts to understand the business rules for HISS UI
* Understood the requirements and implemented new business rules like underwriting questions and modifying the existing rules while developing the functionality
* Worked on different aspects of HISS UI functionalities like adding underwriting questions to different carriers limited to specific states, adding new questions to the interviews, updating the packages etc.
* Developed new functionality while working on new project for Assurant carrier while transforming from Renters insurance to Homeowners insurance
* Implemented new functionality in .Net core Web Applications using **MVC, Entity Framework** using **visual studio 2019**
* Developed UI screens based using **razor, CSS,** etc.
* Created **API**s in Carrier service for implementing new functionality
* Almost had a year experience with domain models such as **Domain Driven Design**
* Did unit testing on functionality developed or modified by testing different scenarios for everything under each carrier
* Worked on enhancements and bugs in **Agile** methodology
* Applied **SOLID** principles and **design patterns** to design and develop loosely coupled objects while developing the functionality using C#, **OOPS**
* Worked on enhancements like adding and removing of coverages and coverage options for couple of carriers in carrier service to hide/show in quote page
* Involved in check in/check out code and deployment of projects using **Git** on **CI/CD** pipelines

Environment: C#, ASP.Net MVC 4/5, .Net core 3.0, Visual studio 2019, VSTS/Devops, XML, .Net Framework 4.6, SQL 2012/2014, JavaScript, LINQ, HTML 5, CSS 3, Web Api, IIS 7.0, JQuery

Client: Verizon, Irving, TX

Role: C#.Net Developer October, 2019 – March, 2020

Project: System of Insights (SOI)

Description: System of Insights is a project about collecting the insights of the Verizon customers on daily and monthly basis in analyzing the data, insight generation and also Feature engineering

Responsibilities:

* Responsible for developing strategies for effective data analysis and reporting
* Developed and implemented data analytics, data collection systems, and other strategies that optimize statistical efficiency and quality
* Designed and developed UI screens using ASP.Net MVC for user interface using Visual Studio.net environment, in Agile Methodology
* Identified, analyzed, and interpreted trends or patterns in complex data sets
* Monitored performance and quality control plans to identify performance
* Involved on problems of moderate and varied complexity where analysis of data may require adaptation of standardized practices.
* Worked with management to prioritize business and information needs
* Extensively worked on SQL databases like Hive/Oracle/ MS SQL.
* Wrote simple to complex SQL queries to slice and dice the data

Environment: C#, ASP.Net MVC 4, Visual studio 2015/2017, TFS 2015/2017, XML, .Net Framework 4.5/4.52, SQL 2012, SSRS

Client: SAIC/FAA, Oklahoma City, OK

Role: C#.Net Developer May, 2017 – October, 2019

Project: Castle

Description: Castle project is about allowing the FAA employees to update their Time and Attendance and Labor distribution, human resources and amendments. It will allow the employee to update or change their personal data or group of employee’s data as a timekeeper and allows to request their personal time off or telework requests.

Responsibilities:

* Worked on Castle project for maintenance and support work
* Closely worked with BA's and help desk to understand the business rules of the Castle
* Understood the requirements and implemented the updated and new business rules while developing the functionality
* Worked on different aspects of Castle functionalities like Time collection for individuals, LDR, Telework requests
* Developed new functionalities under Time Collection, LDR and overtime requests
* Worked on testing different scenarios for each functionality being developed under Time collection, LDR, Telework and VLTP
* Developed new functionality in Web Applications using **MVC 4.0, Entity Framework** using **visual studio 2015**
* Created **views**, modified existing **views, functions** and packagesin **PL/SQL** using Toad
* Worked with help desk and BA to test the functionality developed by providing documentation on what was developed and what needs to be tested in addition to test cases if required
* Utilized **Angular**to achieve the client-side elements **Hide, Show** and **AJAX Call** on **JSON** response

Environment: C#, ASP.Net MVC 4.0, Visual studio 2015/2017, TFS 2015/2017, XML, .Net Framework 4.0/4.5/4.52, Oracle 11g Angular2, Crystal reports 10, WCF, NRx

Client: Se2, Topeka, KS

Role: Sr .Net Developer December, 2013 – May, 2017

Project: Omni to DST Conversion Project and Se2 Clients Work

Description: Omni to DST Conversion project is about converting the source system “Omni” to “Trac” of the contracts under the Broker and Agent to view their retirement services. And modify the existing functionality and add new functionalities as per the client by moving the application from old technology to new technology using OData and Entity Framework. And also work for other Se2 clients by adding or modifying the existing functionalities as per the user’s requirements

Responsibilities:

* Worked on Conversion project within the deadline
* Understood the business rules and implemented the changed and new rules while developing the functionality
* Learned new technology OData (Open data protocol) using entity framework, **MVC** and **WebApi**
* Developed the application using **MVC 4**, Entity Data Model
* Implemented **CRUD** operations using**$http service**to call**Web API**methods
* Created a **RESTful Web API** service using **ASP.NET Web API** to generate data for the Se2 which was then consumed in the front-end
* Created Client-side validations with **JavaScript** and Server-side validations with **ASP.Net 4.0**.
* Did analysis and simultaneously worked on mapping the columns, tables from one source to another source for a conversion project
* Started learning and also developed the functionalities using the Data tables and **JQuery** to improve the performance on Client’s websites while working on new clients like Delaware, Resolution and All State
* Worked on developing the basic website for new clients using our standard website with basic functionalities for new clients, did demo to the client to help them understand the basic functionalities provided for them to review and make necessary changes accordingly using **JQuery**
* Used **JavaScript** and Validation Controls for validating the controls
* Given demos on new technology learnt and implemented (OData) and SSIS to the team members so that they will get familiar with tools and have the basic knowledge on it
* Learned new developer testing tools like MVC Unit testing framework and selenium testing
* Learned the IIS Configurations to set up the new clients locally for testing and also on QA server
* Learning PowerShell scripting
* Learned and implemented data tables and **JQuery** and same time customizing the data tables using **JQuery** based on client’s requirements
* Extensively implemented **Ajax** controls like Update Panel
* Implemented the functionality of adding/Updating and deleting the rows from/in a table in SQL Server database using OData and Entity Framework
* Closely worked with BA’s for getting complete business rules from clients
* Also worked with QAs to test the functionality developed with a documentation on what was developed and what needs to be tested each time we develop the functionality
* Will definitely do a unit testing before sending to testing team to make sure the developed piece works as expected
* Worked on Production Support for some time to support the conversion project after conversion project went live
* Closely started understanding the ETL for pulling the data from other sources to WebDatamart database which is a new backend database for all conversion and new clients data exists
* Learned mapping of tables from one source to another like from Core to Web DataMart and minimaster to web DataMart
* Continued working on Production support to support the SB big client at client’s location itself
* Later when moved to other team, started learning and working on SSIS for ETL to help improve our ETL load process to pull data from other sources.
* Implemented the SSIS packages, so that we can move the current ETL process from DPU to SSIS for fast and efficient loading of data from other sources
* While working in production support, spoke with clients directly over phone to understand and help them in solving the issues
* Learning new developer testing tools
* Working on modifying the existing functionalities as per the client requirements for couple of clients simultaneously and if it cannot be modified then explained the end users why it is not possible to modify the functionality
* Developed Web Services through **WCF** service to provide retirement service details for the employees
* And also working on developing the new functionalities for several clients of se2.
* Worked little bit on Toad for querying the Oracle database which is a source system for WebDatamart

Environment: C#, VB.Net, ASP.Net, MVC 3/4, Visual studio 2010/2012/2013, SQL Server2008/2012, TFS 2012/2013, XML, IIS 7.0, WebApi, OData, Entity Framework, JavaScript, JQuery, AJAX, Angular, Web API, Crystal reports 10, WCF

Client: Deloitte, Harrisburg, PA July, 2013 – November, 2013

Role: Sr.Net/Application Developer

Project: TCRS

Description: TCRS (Tennessee Consolidated Retirement System). This project is about calculating the contributions, benefits for each employee under each employer after their retirement or while applying for retirement. Also calculate the payroll deductions for each employee for their benefit program.

Responsibilities:

* Involved in interacting with users and gathering the requirements to fix the issues.
* Developed registration functionality for the members of TCRS who wish to attend the seminars offered internally.
* Slightly modified existing UI screens using ASP.Net for user interface using Visual Studio.net environment as per the requirement being changed from one phase to another phase.
* Also modified Stored procedures in order support the functionality
* Fixed the code issues in VB.Net
* Created Client-side validations with **JavaScript** and Server-side validations with **ASP.Net MVC 3.0**
* Implemented missing functionality of as per the requirements changed from one phase to another phase
* Implemented **Ajax** for the partial update of the page

Environment: C#, ASP.Net, Visual studio 2010, SQL Server2008, TFS 2010, XML, IIS 7.0, WCF, JavaScript, AJAX

Client: Common Wealth of Pennsylvania, Harrisburg, PA Dec, 2012 - June, 2013

Role: .Net Developer

Project: CHIPPPSReimt

Description: CHIPPPSReimt (CHIP-Children’s Health Insurance Program, PPS-Prospective Payment System, Reimt-Reimbursement). This project is about calculating the payments for encounters covered under CHIP and reimbursed to FQHC/RHCs. Creating the user interface for the FQHCs (Federally qualified health centers) and RHCs (Rural health clinics) and MCOs (Managed care organizations) to input, view and dispute the encounters.

Responsibilities:

* Involved in interacting with users and gathering the requirements from them and analyzing the requirements etc.
* Clearly understood the business logic of the project
* Designed and developed UI screens using ASP.Net for user interface using Visual Studio.net environment, in Agile Methodology.
* Involved in Development of Data Access layer and business layer in VB.Net.
* Implemented business logic in VB.Net
* Using Validation controls both Custom validation and **JavaScript** was written for Client-side validations
* Involved in database design to support the business logic and UI.
* Involved in data migration of tables from MS Access to SQL Server 2008
* Created SSRS reports to see the view the available PPS rates for payment calculation and reports to view organization contacts
* Created parameterized reports based on the requirement to view the data and track disputes for each submission of encounters by MCO
* Involved in applying CSS to the master page
* Created Client-side validations with **JavaScript** and Server-side validations with **ASP.Net 4.0**

Environment: VB.Net, ASP.Net, Visual studio2010, SQL Server2008, UI, TFS 2010, XML, IIS 7.0, JavaScript, AJAX

Client: Five Points Technology Group, Sarasota, FL March, 2012- Nov, 2012

Role: .Net Developer

Project: DARS

Description: DARS (Department of Assistive and Rehabilitation Services) is combination of two projects, CRA (Case Review Application) and PMA (Performance Measure Application). CRA project is all about the cases in the Texas state which will be uploaded by the caseworkers and reviewed by the supervisor and higher to director level for appropriate corrections and suggestions regarding these cases. Cases means services for the people living in the state. PMA project is all about the vision of blind services in every year that has cases required by law and to check their measures in the following years. Queries associated with cases to see if they are meeting the expectations of state legislative.

Responsibilities:

* Requirement gathering, analysis, etc.
* Clearly understood the business logic of the project
* Designed and developed UI screens using ASP.Net for user interface using Visual Studio.net environment, in Agile Methodology.
* Involved in Development of Data Access and business and application layer using LINQ, C#. Net and Asp. Net MVC 2.
* Implemented business logic using C#. Developed the business components Class Libraries in C# for capturing the Recovery case information and update case information etc.
* Extensively used object Oriented concepts for C# code reusability.
* Developed Web Forms with ASP.NET Custom Controls. Implemented client-side validations using JavaScript.
* Extensively used CSS and Implemented Master pages for consistent look for web pages.
* Involved in implementing .NET security with form-based authentication, assigning roles and role-based authorization using Web.Config
* Developed the stored procedures based on the requirement.
* Develop .NET based application modules.
* Implemented business logic using C#.
* Developed the business components Class Libraries in C#.

Environment: C#, ASP.Net, MVC 2, VS2010, SQL Server2008, VSS, XML, GUI, IIS 7.0

Client: SDG&E, San Diego, CA June, 2011- January 2012

Role: .Net Developer

Project: MDMA

Description: SDG& E is a San Diego Gas and Electrical company, is a regulated public utility that provides energy service to 3.5 million people through 1.4 million electric meters and 850,000 natural gas meters in San Diego and southern Orange counties. Their service areas span 4,100 square miles. Meter Data Management Agent Automation project is all about managing meter reading and power consumption and sending the bills to customers.

Responsibilities:

* Involved in Study and Analyzing the Application requirements for which the development is to be done.
* Participated in detail design of the application, involved in creation of use cases, sequence diagrams and class diagrams.
* Designed and developed GUI screens using ASP.Net for user interface using Visual Studio.net environment, in Agile Methodology.
* Involved in Development of Data Access and business and application layer using C#. Net and Asp. Net MVC 2.
* Implemented business logic using C#. Developed the business components Class Libraries in C# for capturing the Recovery case information and update case information etc.
* Extensively used object Oriented concepts for C# code reusability.
* Developed Web Forms with ASP.NET Custom Controls. Implemented client-side validations using JavaScript.
* Also developed Web Forms using Infragistics Controls for more and better functionality purpose
* Extensively used CSS and Implemented Master pages for consistent look for web pages.
* Involved in implementing .NET security with form-based authentication, assigning roles and role-based authorization using Web.Config.
* Involved in using of third-party Web Services using SOAP.
* Extensively used XML to interchange data between different systems. Extensively used XSD, XSL to describe XML data.
* ADO.Net is used for Data Access and using Transactions to commit or rollback the transaction.
* Used Data Adapters, Datasets and Command & Connection Objects of ADO.NET to manipulate data.
* DataGridview, Web Data grid controls are used with ADO.NET to manipulate the data and generate results based on alert types.
* Involved in writing Stored Procedures, Triggers in SQL Server 2008 for Data Manipulation and retrieving data from backend.
* Used Visual SourceSafe (VSS) for Version Controlling.
* Extensively used DataGrids, DataTables, DataReaders and DataSets.
* Also Developed Views and User-Defined Functions etc. those are required for the application.
* Performed Unit Testing.

Environment: ASP.Net, C#, MVC 2, Visual Studio 2008, AGILE, SQL Server2008, GUI, ADO.Net, VSS, XML, IIS, T-SQL.

Client: American Red Cross, Washington, D.C May, 09 - May, 2011

Role: Jr .Net Developer

Project: Bio Arch

Description: The American Red Cross, a visionary humanitarian organization, responds to nearly 70,000 disasters each year. BioArch is a comprehensive, large-scale biomedical project, deploying the new processes and procedures to support the configuration and deployment of innovative software that will interface with existing integrated systems to support the collection through distribution of blood and blood products. BioArch project primarily consists of interfacing three applications, Healthcare ID (HID) application will be used to manage the donation process; MAK–System’s eProgesa application will manage the control of the manufacturing, quality control donor suitability and distribution processes; and Haemonetics . The Surrounding application will manage donor test results.  The scope of the BioArch project includes business processes that are governed by applicable Food and Drug Administration.  The implementation of the BioArch Solution will also include formal validation of the solution in accordance with current FDA guidance. Involved in the development of Healthcare ID (HID) application which is developed/enhanced in .net framework. Developing the complex modeling and reporting tools for monitoring and analyzing performance and data

Responsibilities:

* Involved in Study and Analyzing the Application requirements for which the development is to be done.
* Participated in detail design of the application, involved in creation of use cases, sequence diagrams and class diagrams.
* Designed and developed UI screens using ASP.Net for user interface using Visual Studio.net environment, in Agile Methodology.
* Involved in Development of Data Access and business and application layer using C#. Net and Asp. Net.
* Implemented business logic using C#. Developed the business components Class Libraries in C# for capturing the Recovery case information and update case information etc.
* Extensively used object Oriented concepts for C# code reusability.
* Developed Web Forms with ASP.NET Custom Controls. Implemented client-side validations using JavaScript.
* Extensively used CSS and Implemented Master pages for consistent look for web pages.
* Involved in implementing .NET security with form-based authentication, assigning roles and role-based authorization using Web.Config.
* Involved in using of third-party Web Services using SOAP
* Extensively used XML to interchange data between different systems. Extensively used XSD, XSL to describe XML data.
* Developed Multiple Win forms for billing module. Used DataGridview, Tree View, List View controls as part of Win forms design.
* ADO.Net is used for Data Access and using Transactions to commit or rollback the transaction.
* Used Data Adapters, Datasets and Command & Connection Objects of ADO.NET to manipulate data.
* DataGridview, Data list and Repeater server controls are used with ADO.NET to manipulate the data and generate results based on alert types.
* Involved in writing Stored Procedures, Triggers in SQL Server 2005 for Data Manipulation and retrieving data from backend.
* Used Visual SourceSafe (VSS) for Version Controlling.
* Extensively used DataGrids, DataTables, DataReaders and DataSets.
* Developed the SQL Server Stored Procedures, Triggers, Views and User-Defined Functions etc. that are required for the application.
* Used Microsoft Software Asset Management Track History and service of the equipment.
* Performed Unit Testing and participated in integrated testing

Environment: ASP.Net, C#, VB.Net, JavaScript, visual studio 2008, AGILE, SQL Server2005, ADO.Net, VSS, XML, LINQ, IIS, T-SQL, Oracle10g, PL/SQL.