**MinhNhat Vu**

**SUMMARY**

* 5+ years of experience in Microsoft Technologies in Designing, Developing and Implementing Internet, Client/Server applications strongly in ASP.NET MVC, C#, Object-Oriented Programming.
* Experience with an AGILE including Sprint Planning, Waterfall software development methodology and Test Driven Development including SCRUM Framework.
* Experience in performing Unit Testing, and Integration Testing using Microsoft Unit testing, NUnit, and XUnit to improve the performance of the application.
* Experience in using Language Integrated Query (LINQ).
* Good knowledge in Object Oriented Analysis/Design and implementing.
* Has a good knowledge regarding service-oriented architectures like SOA, RESTful using WCF/WebAPIs.
* Hands on experience with GUI web development using technologies like HTML, HTML5, CSS, Bootstrap, JavaScript, JSON, jQuery, Angular.Js.
* Working experience in MVC design pattern using Razor syntax and C#.
* Extensive database designing and programming skills using SQL Server, creating and using Tables, Database schemas, Writing complex Queries, Stored Procedures, Triggers, and Indexers.
* Experience withgenerating report using Microsoft Reporting and Integration Services (SSIS, SSRS).

**TECHNICAL SKILLS**

* **Microsoft Technologies:** ASP .NET, MVC 4 and later, Entity Framework 5.0+, LINQ, WCF, Web APIs,

ADO.NET, VB.

* **Web Technologies:** HTML5, CSS3, Bootstrap, JavaScript, jQuery, JSON, AngularJS.
* **Programming Languages:** C, C++, C#, Java, JavaScript.
* **Version control:** Team Foundation Server (TFS), GIT, SVN.
* **Database:** MySQL, SQL Server 2008 R2 and later, Oracle SQL 11g.
* **Testing tools:** Microsoft Unit Testing, XUnit, NUnit.

**EXPERIENCE**

**.NET Developer**

**Fifth Third Bank - Cincinnati, OH**

**Oct. 2015 - Present**

**Description**: Fifth Third Bank is a US regional banking corporation, which provides various personal, small businesses, commercial and private banking solutions. Involved in developing new Fifth Third Direct application, an engine that help manage finance of groups or organizations . Also involved in maintenance for the existing electronic banking modules from account management, credit card management system like the facility for the clients to view their statements, transaction history, merchant details.

**Responsibilities**:

* Thoroughly followed the Agile Methodology and Sprint Planning in the entire project.
* Participated in daily and weekly SCRUM meetings to discuss various aspects of the code related to individual modules.
* Participates in business stakeholder meetings, review support issues, maintain backlog of enhancement requests and improvement opportunities
* Followed SOLID principles while designing classes.
* Developed the Application using ASP.Net MVC 5, Razor Syntax, and Razor view engine.
* Creating Views, Controllers and models using MVC and writing business logic to accomplish the business requirements.
* Implemented data access layer using EntityFramework with CodeFirst.
* Implemented LINQ to perform optimized database operations.
* Developed REST based services using WEB API and used them in doing the AJAX calls with JSON, AngularJS, and jQuery in some modules.
* WebAPI is secured using the popular OAuth 2.0 standard, and communicates with the client using JSON.
* Transformed conceptual designs into interactive user interfaces using HTML5 CSS3 AngularJS and Bootstrap.
* Used Bootstrap for Creating Design Templates for interface components.
* Designed web pages to support two-way binding using AngularJS.
* Implemented page action using AngularJS, including custom directive, custom service.
* Implement both service side (Data Annotation) and client side (JQuery) validation.
* Installed deployed and managed reports using SQL Server Reporting Services (SSRS).
* Designed and Maintained websites with HTML5, CSS3, Javascript, jQuery.
* Migrated SQL Server 2012 database to Windows Azure SQL Database and updating the Connection Strings based on this.
* Used AngularJS as the development framework to build a single-page application.
* Wrote the Database Triggers, Views, and Indexes using T-SQL.
* Designing application authentication features such as Token-based Authentication and Authorization (Authorizing Users and Roles).
* Performed code review and unit testing to improve performance of application.
* Used TFS as a version control software.

**Environment**: Visual Studio 2015, Net Framework 4.5, .NET MVC 5, SQL, Razor Syntax, Entity Framework, LINQ, Web APIs, JavaScript, AngularJS, jQuery, CSS, Bootstrap,SQL Server 2012.

**.NET Developer**

**Mayo Clinic - Rochester, MN**

**Oct. 2014 to Sept. 2015**

**Description:** Mayo Clinic is a nonprofit medical practice and medical research group based in Rochester, Minnesota.This project mainly focuses on customer's personal health information. The project offers better and more efficient operations, achieves cost efficiency in operation and maintenance, and ensures their confidentiality and integrity of patient medical information. It contains several modules such as Application Administration, Patient Information System, Medical Record System, and Pharmacy. The product is the migration product from legacy programming language and database into .NET Architecture.

**Responsibilities**:

* Involved in Design, Develop, Maintenance, and Enhance the application.
* Followed Agile Methodologies and SCRUM in the iterative process of development.
* Redesigned system, migrating to MVC.
* Followed SOLID principles while designing classes.
* Developed MVC Razor views and partial views and developed business logic in terms of Models.
* Involved in production support activities involving bug fixes, monitoring the applications, resolving the issues raised by the end user.
* Used MVC design pattern in the design and development, with Razor Syntax in Views.
* Used LINQ to SQL/Objects for retrieving, querying data from SQL efficiently and Just In Time manner.
* Implemented RESTful services with WCF to facilitate communication between multiple transport protocols.
* Implementation of the UI using HTML, CSS, JavaScript, JQuery and Bootstrap.
* Used JQuery for a better interaction with the application
* Used AngularJS to create stable and secure single page web applications.
* Used AngularJS and ng-grid JS libraries as a part of client side development.
* Implement data grid/tables using Bootstrap and Java Script for front-end for more responsive application design.
* Developed security features such as Authentication (Token-based Authentication) and Authorization (Authorizing Users and Roles).
* Implemented the system based on Object Orientation concepts like Factory Design Pattern and Filter Pattern.
* Creation of database objects like tables, views, materialized views, procedures and packages using SQL Server 2012.
* Designing and developing reports using SQL Reporting Services (SSRS).
* Created Joins, Views, functions, stored procedures and triggers as part of the database programming.
* Creating Single Sign On application based on OAuth 2.0.
* Performed Unit Testing, Integration Testing and Regression Testing in a regular basis to improve the performance of the application.
* Used TFS as a version control software.

**Environment**: Visual Studio 2013, C#, Net Framework 4.5, ASP.NET MVC, Razor Syntax, Entity Framework, LINQ, WCF, JavaScript, AngularJS,Bootstrap, KendoUI, MS SQL Server 2012.

**.NET Developer**

**Principal Financial Group - Des Moines, IA**

**Dec. 2013 to Sept.2014**

**Description**: Principal Financial Group is the fastest growing Mortgage Company in the subprime sector. This system takes the loan application submitted by the broker and then gives the loan rate according to the credit history of the application instantly on the web.

**Responsibilities**:

* Involved in gathering the requirements, analysis, design & development of the project.
* Followed SOLID principles while designing classes.
* Designed, developed and enhanced the application using .net framework 4.0 and visual studio 2012.
* Used Waterfall methodology and Software Development Methodology.
* Used ADO.NET to define and implement Business Logic Layer and Data Access Layer.
* Implemented Server and Client side validations using ASP.NET validation controls and JavaScript.
* Designed and developed several SQL Server stored procedures, functions and triggers for all the DML functionality for the web site.
* Completed whole data migration module from Visual Basic to .Net
* Developing XML Web Services and Server Components with Microsoft® Visual Basic .NET and the Microsoft .NET Framework.
* Implemented MVC design pattern for developing Web applications using Razor syntax and C#.
* Worked on calling web methods (server side) from client side using Ajax page methods of script manager control.
* Achieved AngularJS Authentication for the application, and stored generated token so that token can be sent with each request to secure resources in WCF.
* Implemented LINQ to perform optimized database operations.
* Implemented SharePoint governance practices and Taxonomy best practices for ECM SharePoint application are followed and evolved.
* Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in SQL server.
* Deployed and maintained various Reports and implemented Parameterized and cascading parameterized reports using SSRS.
* Worked with version controller TFS for maintaining history of source-code, Team build, Reporting, and project documents.
* Involved in the Unit and Integration testing with NUnit.

**Environment**:Visual Studio 2012 .Net Framework 4, ADO.Net, Razor Syntax, C#, LINQ, WCF, JavaScript, AngularJS, SQL Server 2008 R2, HTML, CSS, SharePoint, XML, AJAX, IIS, Github.

**.NET Developer**

**Bestbuy - Richfield, MN**

**Oct 2012 to Nov2013**

**Description**: OMS Retail UI, is used by the Best Buy Store employees encompasses various functionalities as Backroom Pick, Pack Shipments, Carrier Pickup, Shipment update and Home Delivery. Backroom pick, which is used to confirm that the items ordered are present in the store for Ship to Home. Backroom pick has Items to pick, Reprint pick Label, Print Pick List and Unlock SKU actions to be performed. Pack Shipments has shipment to update and shipment to pack report. Carrier Pick has acknowledges carrier pickup, print report and reprint summary barcode.

**Responsibilities**:

* Developed application using ASP.Net 3.5, C#, AJAX Controls, LINQ using Visual Studio 2013.
* Followed AGILE Methodology and SCRUM for the software development process.
* Responsible for designing the ASP.NET application authentication using .NET Framework and IIS security model.
* Provided Production Support to troubleshoot and debug the issues.
* Used jQuery extensively across the application like making AJAX calls, cascading menus, calendar controls, tool tips, sliding menus, AJAX loading tabs, and expand collapse panels
* Used Bootstrap for fixed templates using CSS.
* Developed GUI using ASP.NET Web Forms, Sitemap, Master Pages, and Membership Functions.
* Incorporated many rich, user friendly, responsive features in the application using JQuery or HTML5.
* Defined request-response message system, typically expressed in JSON or XML, which is exposed via the web - most commonly by means of an HTTP-based web server using services wrote in WCF.
* Used jQuery, and CSS Frameworks like Bootstrap for rich user interface.
* Implemented Code-First Entity Framework, and used LINQ to Entities to commute the Data and optimized the Query Expressions.
* Created sites and web application for the SharePoint portal.
* Install the Third Party Tools and Servers in the SharePoint site.
* Implemented Form Based authentication and Role based authorization to authenticate users.
* Managed the code versions using TFS.

**Environment**: Visual Studio 2012, .Net Framework 4.0, JavaScript, C# .Net, AJAX Controls,Entity Framework, LINQ, HTML5, CSS3, jQuery, MS SQL , TFS.

**.NET Developer**

**Midwest Wireless - Mankato, MN**

**Nov. 2011 to Sep. 2012**

**Description**: Creating a responsive and browser compatible website for the company which will be used for Employee task tracking system. After they login into site they can see the Task according to their roles in the dropdown list which will display data from database, separate Row will be created for every click on dropdown button. They will have a start time, End time and also the duration which they spent on the task. Those Data will be saved in the Database using a secure method to encrypt the user data and decrypt the values while showing values to user. In order to provide more security to the user's data protecting it from hacking

**Responsibilities**:

* Developed business logic using C#, used and developed data layer class extensively for database related transactions and created numerous Classes and Interface to implement Business Logic and Data Manipulation.
* Designed and developed web based UI in C# using different controls like HTML Controls, Data Controls and Web Controls.
* Worked with ASP.NET Web Forms, Web Services, State management, Caching features, configuring optimizations and securing the web application
* Used CSS to attain uniformity of all web pages and to control the layout and look of the page easily.
* Extensively used Ajax to reduce connections to the server, since scripts and style sheets only have to be requested once.
* Used ASP.NET AJAX extensively for calling Web Services without writing a lot of custom JavaScript code to handle the request and response messages.
* Used JavaScript extensively to enhance the UI and to make application looks more dynamic and to perform client side validations.
* Enterprise n-tier software agent using Windows Communication Foundation (WCF) web service hosted on IIS.
* Designed WCF with Service oriented architecture to support Distributed computing where services were consumed by end users.
* Created data access layer to communicate with the SQL Server Database with ADO.NET objects.
* Worked on ADO.NET components SQL Connection Object, SQL Command Object, Data Reader, Data adapter,
* Data Set and Data View to provide communication to the database.
* Created Stored Procedures, Functions, and Triggers using T-SQL in SQL Server 2008 R2 to insert, update,and delete data inside tables.
* Implemented Unit, Integration and System Testing using NUNIT.
* Maintaining versions of source code using Team Foundation Server.

**Environment**: .NET Framework 4.0, Visual Studio 2008, C#, ADO.NET, AJAX, IIS, Web Services – WCF (SOAP),

JavaScript, SQL Server 2008, Team Foundation Server (TFS)

**EDUCATION**

Bachelor of Science in Computer Science - **Texas Tech University**, Lubbock, Texas