**Shiva Maharjan**

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**PROFESSIONAL SUMMARY:**

* Over 8 years of experience in Systems Analysis, Design, Development and Implementation of client/server, web based, Microsoft Azure Cloud Computing & n-tier applications.
* Proficient in developing web applications with **Asp .Net Core**, **Asp .Net MVC Core**, **EF Core**, **Razor Core** and **.NET Framework 4.5** with **ASP.Net Web Forms**, **MVC**, **C#**, **VB.Net**, **ADO.Net**, **VB.Net**, **LINQ**, **WCF** and **IIS 6/7/8**.
* Extensive experience in **Object Oriented Analysis and Design (OOAD)** with strong **OOPS skills.**
* Exposure in developing application using **ASP.NET MVC framework** to higher testability and support clean **SOC**.
* Extensive Experience in developing web based front end using **Layouts**, **Themes**, **Skins**, **Angular JS 2.0**, **Angular 7.0/6.0,** **Kendo UI**, **Node.js**, **HTML5**, **XML**, **CSS**, **JavaScript** and **jQuery**.
* Experienced in using **Language-Integrated Query** (**LINQ to Objects** and **LINQ to SQL**) and retrieve data from different data sources.
* Expertise in implementation and hosting of **Web Services** and **WCF Services**.
* Experienced in **XML Web Services (SOAP, WSDL and UDDI)** and **REST Web API**.
* Extensively worked on C# advanced topics like **LINQ**, **Exception Handling**, **Extension methods** and **Generics**.
* Good Experience on working with design patterns **N Tier Architecture**, **3 Tier Architecture**.
* Excellent understanding of security practices, including **PCI-DSS compliance**.
* Strong Experience in using **ADO.NET** objects and **ORM** tools like **Entity Framework**.
* Possess abilities in developing database programs like **Stored Procedures**, **Triggers**, **Views**, **Cursors**, **Packages** and Implementation scripts on **PL/SQL** and **T-SQL** using **SQL Server 2014/2012/2008R2/2008**.
* Experience in .NET security features such as **Authentication** & **Authorization**, Windows and Forms based Authentication, Authorizing Users and Roles.
* Experience in developing **SOAP** and **RESTful** Web Services using **WCF** and **Web** **API**.
* Expertise in reports generation using **SSRS**.
* Experienced with versioning tools like **Git**, **TFS**, **Subversion (SVN)** and **VSS**.
* Ready to take up challenges and willing to work in independent and collaborative environments.

**TECHNICAL SKILLS:**

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| **.Net Technologies:** | .Net Core 2.0 .Net Framework 4.5, Asp.net MVC 5.0/4.0/3.0, Asp.net MVC Core, Asp.net, C#, ADO.Net, LINQ, Entity Framework 6.0/5.0/3.5, Entity Framework Core, Asp.Net 3.5 Web Forms, WCF. |
| **Programming Languages:** | C, C++, VB.Net, C#, Java. |
| **Cloud Computing:** | Microsoft Azure |
| **Web & Scripting Tools:** | HTML5, XHTML, CSS, JSON, JavaScript, jQuery, AJAX, Web API, Web Services, AngularJS 2.0, Angular 7.0/6.0, Kendo UI, EXT JS 5.0, Node.js. |
| **Databases Technologies:** | SQL Server 2014/2012/2008R2/2008, MYSQL, MS Access, Oracle 12g. |
| **XML Related Technologies:** | XML, XSL. |
| **Development Tools:** | Microsoft Visual Studio 2017//2015/2012/2010. |
| **Reporting Tools:** | Crystal Reports, SSRS, SSIS. |
| **Architectural Pattern:** | MVC, MVVM, MVP. |
| **Windows Platforms:** | Windows 7/Vista/XP, Windows Server 2008. |
| **Version Control Tools:** | Git, TFS, SVN, VSS. |
| **Application Server:** | IIS 6/7/8. |

**EDUCATION:**

Master of Science in Information Systems and Security, University of the Cumberlands, KY, USA

Bachelor of Biomedical Engineering, City College of New York, NY, USA

**PROFESSIONAL EXPERIENCE:**

**Client: Homecare Homebase, Louisville, KY March 2019 – Present**

**Role: .Net Developer**

**Responsibilities:**

* Designing and developing various abstract classes, interfaces, classes to construct the business logic in Model using C#.
* Working as a back-end and front-end developer using Asp.net MVC 5.0, C#, JavaScript, jQuery, and Bootstrap 3 to develop the System.
* Using JSON to transmit data between Server and Web Application, an alternative to XML Serialization.
* Using the Autofac for Dependency Injection to build a loosely coupled system.
* Using Dapper for Object relational mapping (ORM).
* Designing unit testing module with XUnit to test the application performance and availability.
* Involving in code review, build, testing and deployment with GIT, Azure Pipelines.
* Using Azure Boards, for tracking work with Kanban boards, backlogs, team dashboards and custom reporting.
* Using Azure Repos, which are private Git repos, providing functionality such as collaborative pull requests and advanced file management.
* Creating a RESTful Web API service using ASP.NET Web API to log the data consumed in the front-end by Angular.
* Using LINQ to Objects to query the data model and manipulate the data.
* Creating single page application structure with multiple modules using Angular 7.0.
* Developing ViewModels to hold database data and display it to the browser using the Razor View Engine.
* Using TempData, ViewData, and ViewBag for sending data to Views.
* Using Layout pages and Partial Views to re-use markup code.
* Implementing Action Filters for authorized access to certain pages.
* Using Data Annotations for validation on the server side
* Designing the layout and structure of the page using HTML5, CSS, and JavaScript.
* Using Postman to test/perform operations with the Web API.
* Using Resharper for code refactoring.
* Working with npm/ng commands and using package.json for managing dependencies and dev-dependencies of node JS applications.
* Writing quality code according to coding rules in place & metrics: SonarQube and Veracode.
* Implementing & maintained the branching and build/release strategies utilizing GIT.
* Using Agile/Scrum software development methodology.
* Using Git for version control across common source code used by developers.

**Environment:** Agile, Visual Studio 2017, Asp.net Core 2.0, ASP.net MVC 5.0, C# 7.0, Dapper, JSON, XML, HTML 5.0, JavaScript, Angular 7.0, Node.js, AJAX, Git, Web API, SQL Server 2014, Fiddler, Postman, Sonarqube, Veracode, Resharper, Sonarlint, Xunit, Autofac, MS Azure Devops

**Client:** **UPS, Atlanta, GA June 2018 – March 2019**

**Role: .Net Developer**

**Responsibilities:**

* Actively involving in full software development life cycle (SDLC) including analysis, design, coding, testing, distribution and support in an agile environment.
* Analyzing UPS data to determine necessary data constraints; analyzing various web-based applications for performance related issues.
* Developing Web applications and using MVC 5.0, Entity Framework, HTML5, CSS3, JavaScript, jQuery and Angular 6.0
* Designing and implementing database scheme and process flow.
* Working with CSS3 and bootstrap to create responsive web designs for multiple pages.
* Extensively using EXT JS 5.0 in developing applications using MVVM pattern from scratch and UI enhancements.
* Implementing search functionality using AngularJS and EXT JS for the internal application.
* Developing and consuming WEB API to expose functionalities to client applications and performing CRUD operations on the database i.e., table driven development respectively.
* Extensively using SSIS for database and linked server migration.
* Involving in writing complex SQL queries, stored procedures and functions.
* Rewriting different web applications from ColdFusion to EXT JS .Net web applications.
* Debugging using fiddler and web developer tools on Chrome, Firefox and Internet Explorer.
* Working with business analysts to understand their business models and goals.
* Interacting with other developers and end users to design and implement new features throughout the framework.
* Deploying fixes into staging and pre-production environments.
* Extensively using Team Foundation Server (TFS) for version control and defect tracking.

**Environment:** Agile, Visual Studio 2017, Asp.net Core 2.0, ASP.net MVC 5.0, EF 6.2, C# 7.0, XML, HTML 5.0, ColdFusion, JavaScript, Angular 6.0, EXT JS 5.0, AJAX, TFS, Web API, SQL Server 2014, Fiddler

**Client:** **Ascend Performance Materials, Greenwood, SC February 2017 – May 2018**

**Role: .Net Developer**

**Responsibilities:**

* Actively involved in a project through the entire life cycle of requirements analysis, design, coding, testing, distribution and support.
* Participated in analyzing, understanding, and enhancing existing code as well as to write new applications.
* Evaluated multiple technologies or implementing strategies and presenting recommendations.
* Implemented Object Oriented Programming Language (OOPs) features like Inheritance, Polymorphism, Abstraction and Encapsulation in C#.
* Used HTML, JavaScript, AngularJS 4.0 and AJAX for developing controls and enhancing UI.
* Created Angular components like controllers, services, directives and forms to collect different user data and implemented form validation in AngularJS.
* Used Angular JS to make Restful API calls and data binding and worked with Web API for building RESTful applications on the .Net Framework.
* Developed application logic using ASP.NET MVC Core and C#.
* Developed system services SOA application platform for use by all web applications utilizing WCF services and the ASP.NET provider model.
* Used LINQ for querying, sorting, filtering the complex objects utilizing Entity Framework Core DB Context and implemented Repository pattern for centralized data access.
* Consumed WCF (Windows Communication Foundation) services to pull various related data sent to lab for testing.
* Developed different varieties of labels using ZPL II programming language.
* Worked with network devices such as Zebra 105SL Plus printer and handheld devices.
* Created Web API for handheld devices with Asp.net Core 2.0 and Visual Studios for Windows.
* Used the Kendo UI controls for more robust requirements. Controls used such as grid, panel, date picker, combo box, validation, dropdown and Autocomplete etc. throughout the application.
* Used Data Grid View to display records and update the database.
* Developed store procedures, functions and complex queries using Oracle 12g.
* Worked with VSS and TFS for version control and project tracking.
* Provided troubleshooting and advisory services to field service personnel to provide product support, analysis and documentation of bugs and evaluation of customer requests.

**Environment:** Agile, Visual Studio 2017, Asp.net Core 2.0, ASP.net Core MVC, EF Core, C#, XML, HTML 5.0, JavaScript, AngularJS 4.0, Kendo UI, AJAX, VSS, TFS, ZPL II programming language, LINQ, WCF, Web API, Oracle 12g

**Client:** **General Information Services, Chapin, SC July 2015 – January 2017**

**Role: .Net Developer**

**Responsibilities:**

* Actively involved in full SDLC followed by agile methodologies to produce high quality software model.
* Developed the application with n-tier architecture using Class libraries, Data entities, Services, Data access layer, business logic layer and stored procedures.
* Developed core functionality with the ASP.NET MVC Framework and C#.
* Worked with REST Web API to provide services to HTTP requests.
* Used Microsoft Entity Framework 6.0 as an object ­relational mapper for .Net Framework.
* Used JavaScript and jQuery for validations and post-backs and HTML 5 and CSS controls for the enhanced interfaces in the UI.
* Used AngularJS 2.0 as the development framework to build a single-page application.
* Worked on AJAX to get partial post back and asynchronous communication.
* Used LINQ for querying on certain business objects.
* Developed workflow subsystem with complicated UI using WPF, WCF, and Web Services.
* Created SQL scripts, and implemented complex logic SQL queries and stored procedures.
* Used SSIS packages to transform Oracle tables and load them in to SQL Server database.
* Worked with automated testing of web application using Test Architect.
* Exposing the Asp.Net by creating WCF Services over SOAP/HTTP.
* Working on creating Rest Services using ASP.Net Web API and C#
* Used .NET validation controls on several pages.
* Performed manual testing, integration and regression testing.
* Worked with SVN for version control and project tracking.
* Used Jenkins for continuous integration with different environments.

**Environment:** Visual Studio 2015, .Net 4.5 Framework, C#, ASP.Net MVC 5.0 Framework, REST Web API, Microsoft Entity Framework 6.0, AJAX, JavaScript, jQuery, AngularJS 2.0, HTML 5, CSS, WCF, XML, LINQ, SQL Server 2014, SSIS, SVN, Rally, Jenkins.

**Client:** **Assurant Inc., Miami, FL September 2013 – June 2015**

**Role: .Net Developer**

**Responsibilities**:

* Actively involved in different phases of the SDLC including requirements, design and analysis, coding and testing the application.
* Developed multi layered web application using Asp.net MVC 4.0, Microsoft Visual Studio 2012, and .Net Framework 4.5 and C #.
* Used Microsoft Entity Framework DB Model First approach for the Data Access Layer for the ASP.NET MVC 4 application.
* Developed views using Scaffolding templates, Partial Views, and Custom HTML Helper with Razor View Engine.
* Gathered Client requirements and converting them into coding by implementing the business rules using C#.Net.
* Used with Java Script, HTML5, CSS3, Bootstrap, JQuery and AJAX to design and enhance the UI.
* Wrote Complex SQL Queries and Stored Procedures.
* Used LINQ for data exchange.
* Involved in the application design including writing Technical Design Documents TDD.
* Developed Web Service Application Programming Interface (API) s for exposing functionalities to client applications.
* Participated in daily stand­ups on a scrum team under agile development process.
* Successfully tested each new feature by writing a test case in Test-driven development.
* Involved in deployment and Maintenance of Project servers between various environments such as development, production and testing.
* Worked with TFS for version control and project tracking.

**Environmen**t: Visual Studio 2012, ASP.Net MVC 4.0, .Net 4.5 framework, C#, EF 5.0, AJAX, JavaScript, jQuery**,** CSS 3.0, HTML 5.0, Bootstrap, SQL Server 2012, IIS 8.0, MS-Visio 2010, ADO.NET, Agile, TFS.

**Client:** **Department of Human Resource Management, Richmond, VA February 2012 – August 2013**

**Role: .Net Developer**

**Responsibilities:**

* Actively involved in all phases of SDLC along with requirements gathering (3 tiers Architecture, Agile Methodology).
* Designed and developed the application on Microsoft Visual Studio 2010, ASP.Net MVC 3.0 Framework, and C #.
* Implemented Entity Framework in data access layer and used LINQ for data queries.
* Created rich, easy-to-use Views, Partial Views using Scaffolding Templates and Razor View Engine in Asp.Net MVC 3.0.
* Created Layout Views using CSS/Themes/jQuery for Razor Engine to give a consistent look to header element.
* Developed User Interfaces using CSS, HTML, JQuery, AJAX and JavaScript.
* Developed the Aggregation service to pull the content via Dow Jones REST API periodically in to the application database.
* Implemented business logic/rules using WCF services and integrated with the UI components.
* Created and optimized views for user interactions using objects of HTML Helper class, Custom Helpers and JavaScript/jQuery.
* Applied Action Filters on key method to handle error, validations and authorization. Also implemented Custom Filters.
* Created Stored Procedure and Complex queries using SQL Server 2008 R2.
* Worked on providing and consuming information from web services using WCF.

**Environment:** Visual Studio 2010, ASP.NET MVC 3.0, Entity Framework 3.5, SQL Server 2008 R2, C#, HTML, JavaScript, LINQ, AJAX, jQuery, Agile, CSS, WCF, TFS, IIS 7.0.

**Client:** **St. Luke’s Hospital, Chesterfield, MO January 2011 – December 2011**

**Role: .Net Developer**

**Responsibilities:**

* Actively involved in developing web applications using ASP.NET, C#, VB.Net, ADO.NET and Visual Studio.Net 2010.
* Used Master pages, CSS, HTML, JavaScript, and ASP.NET Server Controls on web forms.
* Data bound controls such Data Grid, Data List and Repeater were extensively used to bind data.
* Extensively used ADO.NET to handle the communication with the database.
* Implemented client-side validation using JavaScript.
* Implemented third party controls for UI enhancement using Telerik Libraries.
* Developed pages using ASP.NET 3.5 Web Forms and migrated ASP pages.
* Used ASP.NET Login User Controls, Membership, Authentication and Authorization services for security purpose.
* Created SQL scripts, and implemented complex logic SQL queries and stored procedures.
* Implemented AJAX for partial post back and asynchronous communication.
* Developed Web Services for the System using .Net (SOAP/XML).
* Invoked of Web Services using C#.Net and exposed them through SOAP and HTTP.
* Used cookies, Sessions and View state to store user information.
* Used ASP.Net State Server session management for storing session related data

**Environment:**Visual Studio 2010, ASP.NET 3.5 Web Forms, C# 4.0, VB.Net, .NET 4.0, ADO.NET, SQL Server 2008, TFS, JavaScript, HTML, CSS, Telerik, Agile, SOAP/XML Web Services, HTML, CSS.