**Pathik Kirankumar Maharaja**

*.Net Full Stack Developer*

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**Professional Summary:**

* Over **7+years** of extensive experience in Analysis, Designing, Development, Documentation and Implementation of Web Technologies for various **N-Tier applications.**
* Expert in implementing the applications using **MVC, MVVM, Factory patterns and N - Tier architecture.**
* Experience in developing applications under .NET Framework using **ASP.Net, C#, SQL Server, WCF Services, Web API RESTful Services**.
* Expertise in performing **DOM manipulations**, creating **Components**, **Directives**, **Services**, **Pipes**, **Templates**, **Dependency Injection** and implementing **Routing** and established different types of **Data binding** and **component communication**.
* Experience in creating custom directives in **Angular 2/7/9** to re-use components in various parts of applications.
* Experience in designing and branding Master Pages utilizing **Server ControlsUser ControlsData Grid controlForm Validation controlsCustom controls** and **CSS**.
* Expertise in developing Console, Windows and Web Applications using **C#, ASP.NET, ADO.NET, LINQ, XML, XSLT, JAVASCRIPT, AJAX and JQuery in Visual Studio.**
* Experience in developing **Language-Integrated Query (LINQ)** queries to retrieve data from different data sources (**LINQ to Entities, LINQ to XML, and LINQ to SQL**).
* Experience in developing **web services** (**REST** (Representational State Transfer), **SOAP**), HTTP/HTTPS and **SOA** (Service Oriented Architecture), **WCF** (Windows Communication Foundation), Language Integrated Query (**LINQ**) and **Entity framework**.
* Experience in working with **Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF) and Windows Workflow Foundation (WF)** in .Net Framework.
* Experience on **MS Azure Cloud Architecture** (MS Azure Pack (Private Cloud), **PaaS** and **IaaS**) assessments
* Extensive experience with **ADO.NET**, **Code First Approach** and **Database-First Approach** using **Entity Framework** and **LINQ** for data connection
* Experienced in developing **RESTful API** with **Web API 2** and working with **WCF** on **SOAP** web services.
* Experience in creating **Tables**, **Stored Procedures, Prepared Statements, Triggers, Cursors, Functions, Views, Indexes and Joins using SQL Server 2008/2012/2014/2016.**
* Experience in dealing with **Windows Azure IAAS** - **Virtual Networks, Virtual Machines, CloudServices**.
* Hands on experience in SQL Queries using joins, Indexes and in creating **Tables, Views, Indexes, writing Stored Procedures, Functions and Triggers using T-SQL, Maintaining Database, Experience in Query Optimization**
* Understanding of **SSIS** and **SSRS** in terms of data integration from various sources and reporting.
* Experience performing **Nuni**t and **Integration Testing** in the Development environments and experience in Bug Reporting and Fixing.
* Experienced in implementing .NET security features such as Authentication (Windows-based Authentication, Forms-based Authentication) and Authorization (Authorizing Users and Roles).
* Team player capable of working independently; willingness and ability to quickly adapt and learn new technologies, along with excellent communication and **Inter-personal skills.**

**Technical Skills:**

**Microsoft Technologies :** ASP.NET, ADO.NET, AJAX, LINQ, MVC, Entity Framework, NHibernate, Web Services, WCF, Share Point and Power apps, Web API.

**Programming Languages :** C#, SQL, T-SQL, PL/SQL, TypeScript

**Distributed Technologies :** Restful, Web API, WCF and SOAP

**Web Technologies :** HTML5, CSS3, Bootstrap, Angular 9/7/2, JavaScript, jQuery, Node.js

**Database Access Technologies :** Entity Framework, LINQ, LINQ to objects, ADO.NET

**Cloud Services : Azure**

**IDE :** Visual Studio

**Version Control Tools :** VSTS, Git, Team Foundation Server (TFS)

**Methodology :** Agile (Scrum), TDD, Waterfall Model

**Education:**

* Aircraft Maintenance Engineering from Western India Institute of Aeronautics, Ahmedabad, Gujarat, India.
* M.Sc Computer Information Systems from New England College, Henniker, NH,  USA

**Professional Experience:**

**Client: Verizon, TX Feb. 2020 – Till Date**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Followed **Agile/Scrum** methodology with 3-week sprint involved in daily Stand-up Meetings, Status Meetings, Backlog Meetings and Code Review Meetings.
* Worked web API Restful Services to provide services to **HTTP** requests. Create methods using Dapper as micro ORM to simplify data access while ensuring high performance
* Made use of **Angular 9** features like **Components**, **Subject**, **Observables**, **Pipes**, **Services** and **Routers** to develop the application while also making use of Angular NPM packages.
* Created **Template-Driven Forms** and **Data-Biding** to display the related items.
* Used UI-router Angular library for creating multiple views as well as nested views to navigate through the application. Used App-Loader for saving data.
* Involved setting up **NPM** (node package manager) installation to manage modules
* Deployed 4-layer structure for the project such as **Data-Access-Layer, Repository-Layer, Data-Business-Layer,** and **UI-Layer.**
* Deployed **Entity Framework** for database and **ORM** (Object-Relational Mapping) manipulation with **MS SQL Server** used **Database First Approach** to build the models and back-end logic.
* Used **GIT** for source control and **JIRA** for project management.
* Create the application in **.NET framework**, .**NET core** and implement logic using C# and OOPS concepts.
* Created Business Logic Layer & Data Access Layers to implement the **MVC architecture.** Implementation of client-side validations using **ASP.NET MVC Validation**.
* Developed **Web Services and WCF services** common for various applications using .NET Framework.Configured various Web Applications on Internet Information Server **(IIS**).
* Build**Rest API’s** using **.net core/.net framework** and deploying them in Azure portal
* Prepared architecture plan to create the **Azure** Cloud environment to host migrated **IaaS** and **PaaS** role instances for re-factored applications and databases.
* Used **Server-Side Validation Controls and Client-Side Validations** (using JavaScript) for handling the form inputs.
* Develop **Stored Procedures, functions, and triggers** using **SQL** and **T-SQL** in **MS SQL Server** for fetching data and binding. Responsible for coding that includes reading of an **XML** file and fetching data in the fields/tags and transferring the data to the database using **LINQ.**
* Performed user acceptance testing on applications using manual testing methods, resolve problems, identify trends, determine system improvements, implement change.

**Environment:** .Net Framework 4.8, ASP. Net, C#, Angular 9, Typescript, NPM, Angular Material, JSON, RXJS, CSS3, Entity Framework, MS SQL Server, Nunit, GIT, Jira, Agile, Azure, Windows

**Client: Hilton, Dallas, TX Sep. 2018 – Jan 2020**

**Role: .Net Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Implemented ORM Framework Entity Framework Code First Approach with Repository Pattern and its implementation over the Business and Presentation layers.
* Design and develop Web Applications using **ASP.NET MVC 6** and **C#** that are used by internal users.
* Leveraged **Angular 7** for developing application using, **HttpClient** Module for REST calls and used **jquery**to process **JSON** and **XML** then providing them to components that are in need.
* Using Angular CLI to manage project, create components, and services. Using Services, @Input, @Output, Event Emitter, and Observables for components communication.
* Implemented the Layers (**Data access layer, Business Logic Layer, UI layer**), Core Libraries, Helper methods, Utilities, Dynamic Settings, Extended Methods.
* Worked on cloud computing using Windows Azure and SQL Server Azure.
* Created XML Web Services (WCF) using ASP. NET and C#, used them to generate the proxy class files based on the web services and consumed in web application.
* Created **Web API** Services using ASP.NET Web API and C# and used **LINQ JS** to access various **JSON** objects
* Developed MVC and MVVM design pattern to create a simple, testable, robust framework for ASP.NET and Silver light application.
* Performed validations on Web Forms using .NET Validation Controls and Client Side Validation using **Angular 7**.
* Established communication between different applications running on same/different platforms using WCF.
* Implemented and consumed Web Services (SOAP, WSDL and UDDI) for automatic dump in SQL server.
* Deployed the tools Microsoft Azure Cloud Service (PaaS, IaaS), and Web Apps.
* Using **ADO.NET Entity Data Model** in retrieving data using **LINQ to SQL** and **LINQ to Objects** with ASP.NET.
* Used Confidential Team Foundation Server (TFS) for all the source code maintenance needs and Responsible for Project and Code Documentation.
* using **SQL Server Reporting Services (SSRS)** and creating various types of reports like drill down, Parameterized, Cascading, Conditional, Table, Matrix, Chart and Sub Reports.
* Using **GIT** for Development Source Control. Used SOAP UI tool to test the REST web service operations.

**Environment:** .Net Framework 4.5, C#, ASP.Net, WCF, WPF, Webforms, Angular 7, Angular CLI, Bootstrap, TypeScript, Visual Studio, Azure, JSON, XML, LINQ, SQL, SSIS, SSRS, SOAP UI, LINQ, GIT, JIRA, Agile, Windows.

**Company:VIVMA, Ahmedabad Sep 2015 – June 2018**

**Role: .Net Developer**

**Responsibilities:**

* Interacting with client for requirements, discussing the feasibility of requirements, designing the layout of web pages, Architecture and participating in the development.
* Developed core functionality with the ASP.NET MVC Framework (C#. NET, Entity Framework).
* Implemented **Angular JS** Controller functions, service using Controller methods to set up initial state of the object.
* Analyzed and designed new WPF application using MVVM and Repository pattern, from design to completion.
* Worked on Windows Communication Foundation (WCF) services to communicate between the processes via SOAP XML messages and also scheduled it as a Windows Service.
* Developed various Layout Pages (Master Pages) based on specified responsive design with integration of security, authentication and role based authorization with implantation of an URL Routing.
* Designed a Web application using **Web API** with **Angular JS** and populated data using **ADO.NET** entity framework and Used **Entity Framework** to model and manage data from **SQL Server.**
* Used Web services -WSDL and **SOAP** using **Apache Axis** for getting the required information.
* Used JSON to transmit data between Server and Web Application, an alternative to XML Serialization.
* Created Technical Specification documents with UML diagrams like Activity Diagrams and State Diagrams for a better understanding of flow of module for future
* Used ASP.NET User Controls to create steps for submitting and modifying events and evaluation forms.
* Involved in testing like Unit test, Integration test, Acceptance test and Regression testing using **NUnit** and responsible for writing test scripts and scenarios.
* Developed T-SQL queries to fetch data as per the business requirements with proper tuning techniques.
* Utilized Agile Methodologies (Scrum) to manage full life-cycle development of the project and used jira for bug tracking.

**Environment:** Net Framework 4.0,C#,Visual Studio, Angular JS, Microsoft SQL Server, ASP.NET MVC 4.0, Web API, Entity Framework, LINQ, WSDL, Apache Axis, NUnit, WCF, TFS, HTML5, JavaScript, J Query, CSS3, Jira, Agile, Windows.

**Company: Polaris, Hyderabad, India Jan 2013 – Aug 2015**

**Role: .Net Developer**

**Responsibilities:**

* Involved in full **SDLC** followed by **Agile methodologies** to produce high quality software model.
* Designed **Asp.Net Web Forms** using front end technologies like html, CSS and j Query.
* Implemented **CRUD** functionality with **Entity framework (ORM)** in **ASP.NET MVC** and implemented sorting, filtering and paging with Entity framework in **MVC.**
* Actively involved in analysis, design, development and implementation of platform **WCF** services, resolving issues and coordinating the requirements with team.
* Used **C#** as code behind for creating custom controls and server controls.
* Created Joins, Views, functions, stored procedures and triggers as part of the Database programming.
* Developed Restful web services using **Windows Communication Foundation** and **Web API.**
* Used query processing using **LINQ** and created web application with LINQ to SQL **CRUD operation.**
* Tested the application as per the test cases and business logic using unit test and fixed the bugs.
* Worked on **TFS** for version control, Code Review and for automatic builds and continuous integration.
* Used **JIRA** to keep track of bugs to reduce downtime, increase productivity, and improve communication.

**Environment:** .Net Framework 4.6, ASP.Net, C#, HTML5, CSS3, JQuery, Bootstrap, JSON, LINQ, SQL Server, TFS, Jira, Agile, Windows.