

Keyur Kumar
.NET Developer / Angular Developer
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Professional Summary:

- ❖ A dynamic IT Professional with more than 5 years of experience in Analyzing, Designing, Documenting, Developing, Testing, and Deploying windows, web console and client/server applications utilizing MS .NET technologies.
- ❖ Experience in web application development/maintenance using Angular 2/5, Type Script 2.0, MVC 4, ASP.NET 4.0/4.5/4.6, and C#.NET 4.0/5.0.
- ❖ Experience in developing rich UI applications using JavaScript 1.8.5, jQuery 3.1, Bootstrap 3.3.7, CSS 3, HTML 5, XSL/XSLT.
- ❖ Experience in Regex, Win Forms, Console application programming,
- ❖ Proficient in developing Service Layer using C#/Vb.Net, .NET 6.0, WEB API 2.2, ASP.NET Core API, WCF, Web Service, Service, XML, LINQ, Entity framework Core.
- ❖ Strong abilities in RDBMS, Database Design, writing Stored Procedures, Views, Functions, Jobs in MS SQL Server 2008/2012 and MY SQL 5.7.
- ❖ Experienced in working with Agile Programming Methodologies.
- ❖ Experience in Application development in .NET technology and support in Production environment.
- ❖ Experience in developing Desktop applications using Win forms.
- ❖ Experience in implementing error handling, exception management, tracing and logging features.
- ❖ Experience in Software Configuration Management (Daily Build, Release and Testing methodology) using tools like TFS and Tortoise SVN.
- ❖ Experience in creating Job and Monitoring batch operations using SQL Server Agent tool, resolve issues immediately.
- ❖ Experience in working with divergent technologies including .Net, Microsoft SQL Server, RDLC Report and Asp. Net.
- ❖ Significant experience in performing day-to-day maintenance and support of existing applications in parallel with the analysis, design, development and coordination activities for new applications.
- ❖ Experience in production support, Problem Ticket, Problem Review, Change Request, and Incident. Also, provide L3 supports depending on situation.
- ❖ Ability to perform at a high level, meet deadlines, adaptable to ever changing priorities.

Technical Skills:

Microsoft Technologies	ASP.NET 3.5/4.0/4.5 /4.5.2/4.6, ASP.NET Core 2.1/2.2/3.0/3.1, C#, Vb.Net.NET 6.0 ADO.NET, ASP.NET MVC 4/5, WEB API 2.0/2.2, WEB API Core, LINQ, Entity framework 6.1.3, Web Service.
Web Technologies	HTML 5, CSS 2/3, XSL/XSLT, jQuery 1.8.5, JavaScript, Ajax, JSON, Angular 2/5, XML, Bootstrap.
Other Technologies	Regex, RDLC
RDBMS	SQL Server 2008/2008 R2/2012/2016, MYSQL 5/5.7
Operating Systems	Windows XP/7/8/10
Development Tools	Visual Studio 2010, 2012, 2013, 2015,2017,2019

Application Servers	IS 6.0/7.0/8.0
Version Control	Tortoise SVN, TFS

Education:

- ❖ B.Tech in Computer Science from Chhatrapati Shahuji Maharaj University, India - 2014

WORK EXPERIENCE:

Equifax, London, Ontario

August 2019 - till date

Role: .NET Developer

- Implemented **Model-View-Control (MVC)** architecture in web applications.
- Later, migrate project to **.NET core 3.0** architecture in web applications.
- Utilized **jQuery** UI controls, Templates, and Widgets to Support the UI.
- Worked on **Agile Methodology** to practice-based methodology for modeling and documentation of software-based systems.
- Developed all the Business Logic for all the modules in a separate Business Layer in **C#/Vb.NET** 4.5 and this was implemented using **WCF**.
- Involved in designing and coding for web forms of the application with **ASP.NET MVC** and **Angular. Js**.
- Designed the web UI using **ASP.NET MVC4.0, HTML, DHTML, XSL/XSLT, Angular JS, Bootstrap, JavaScript, CSS3, Web Forms, AJAX** and **jQuery** controls.
- Customized User Controls, web controls using **Kendo UI** and improved the performance of the application by configuring the caching, Browser Storage, Managing Cookies.
- Used **Telerik controls** for great user interface experience.
- Developed and designed a web application and **GUI** using ASP.NET MVC.
- Used **ASP.NET MVC** Page Lifecycle Techniques and handle a control's initialization, instantiating controls, restoring and maintaining state, running event handler code, and rendering.
- Created **SSIS** packages for data Importing, Cleansing, and Parsing etc.
- Developed the necessary Stored Procedures and created Complex Views using Joins for robust and fast retrieval of data in **SQL Server 2012**.
- Used Generics, Lambda Expressions, Extension Methods, **LINQ to SQL**, and **LINQ to Objects**.
- Developed and deployed **XML** Web Services (WCF) using ASP.net and **C#/Vb.net**, used them to generate the proxy class files based on the web services and consumed in web applications.
- Developed custom controls to enable reusability and used rich graphic controls of Windows

Presentation Foundation (WPF).

- Developed **OAuth** services for secure access by users through external authentication providers like Facebook and Twitter authentication.
- Implemented multithreaded environment by using Task based Asynchronous pattern (TAP).
- Working experience in generating dynamic web pages with C# using **razor** in **ASP.NET 4.5**.
- Involved in testing of application by **Unit Testing, Integration Testing, User Acceptance Testing (UAT)** and End User Support.
- Worked with **Team Foundation Source (TFS)** control which stores all code, as well as a record of all changes and current check-outs in **SQL Server database**.

Environment:

.NET 4.0, Visual Studio 2012, SQL Server 2012, C#/Vb.Net, MVC, .NET core 2.1/2.2/3.0, Angular.Js, Telerik, WPF, LINQ, ADO.NET, Entity Framework, Bootstrap, AJAX, TFS, XML, HTML, DHTML, SOAP, XAML, OAuth, IIS, JAVASCRIPT, CSS, WCF, TAP, Azure, AGILE.

Nav Canada - Ottawa, ON
Sep 2018 to July 2019
Role: .NET Developer

Project: CAATS

Description:

Nav Canada is Canada's Air Navigation Service Provider (ANSP) managing 12 million aircraft movements a year for 40,000 customers in over 18 million square kilometers - the world's second largest ANSP by traffic volume. Working as a .NET developer on a project called "CAATS".

Responsibilities:

- Interaction with the business analyst, manager, and technical architect to gather and understand the requirements.
- Participated in designing and development using **CSS, HTML5, ASP.NET, JavaScript, jQuery** and **Bootstrap**.
- Implemented and consumed the web service and ado.net.
- Implement the warehouse and write the **stored procedures, Views, Functions, Trigger, Indexing, Jobs** in **MS SQL Server**.
- Implement the authentication and authorization for the web application using token based and form authentication.
- Prepare the documents like Unit Testing and checklist for implementation, resolution and code review.
- Develop the reports using Microsoft Report (RDLC)
- Manage the Source Code and work Items (**Sub Task, PAR, BUG**) using **TFS**.
- Prepare the package for deployment in **QA** and Production Environment.

- Responsible for updating project managers regarding status of development.
- Develop the SQL Batch Scripts and schedule the Batch jobs on a daily/weekly/monthly basis.
- Involved in Migration of SQL Server Database from **SQL** Server 2012 to **SQL** Server 2016.
- Experience in Migration of Service Modules from Web Service to **ASP.NET Core, WEB API** Service using C#.net, **Entity Framework core, LINQ**.
- Analyze the defect/ticket, create the PAR and create and estimate the bugs.
- Participated in enhancement and maintenance of OneTrac Application.
- Participated in OOPS and asynchronous programming using C#/Vb.net .NET in API services.
- Developed CMS system using Vb.Net/C#. for a temporary access.

Environment:

Net Framework 4.6.2, .NET Core 2.0/2.2, Web Service, .NET, Visual Studio 2017/2019, MS SQL Server 2012, 2014, 2016, ASP.NET Core Web API, Entity Framework Core, LINQ, ReactJs, TFS, XSLT, RDLC, AJAX Hibernate, XML enterprise

Client: All State Insurance, Markham, ON
Sept 2017 -August 2018
Role: .NET Developer
Project: HIMS

Description: State Farm Insurance is a provider of auto, health, home and life insurance. Health

Insurance Management System (HIMS) is a fully automated and integrated application for managing the Policy plans, Agent Commission, incurred but not Paid and Settlements. This Insurance Management

System gives information of the client, policy details and premium rates and monitors the policies for delayed payments. It manages different claims per policies, claim settlements and allows coverage verification.

- Involved with Project Manager for daily reporting & review of the current project using **Agile Methodology**.
- Designed and Developed the Business Logic Layer application using C#. while, using Vb.net source code.
- Designed and implemented **Logging Mechanisms, Exception Handlers**.
- Developed Web Forms using **Master Pages, HTML controls** and **CSS**.
- Used **Custom Validations, ASP.NET Validation Controls** and **JavaScript** to perform validations both on client and server side.
- Enhanced navigation capabilities using **User Controls** and **Custom Controls**.
- Extensively used **ADO.NET objects** such as **Data Adapter, Data reader, Dataset and Data View** for reading/updating records in database.

- Worked with WPF Data grids to edit and update the Application data.
- Designed dynamic Aspx Web Pages for the Application using **ASP.NET, C#/VB.net, XML, XSL/XSLT, HTML** and **JavaScript**.
- Created multiple Custom User Controls in WPF and MS Expression Blend.
- Involved in creating **Stored Procedures** and complex queries in **SQL Server** and **Microsoft Access**.
- Used **LINQ to SQL** to write integrated queries and perform transform operations.
- Used **SQL Server Reporting Service** to generate various reports of customer information, premium billing and worker's compensation with different insurance plans.
- Involved in writing Automation test cases following TDD strategy for web pages using WatIN Framework (3.5).
- Used various **AJAX** Controls like Update panel, Model Popup Extender, Accordion, Mask Edit Validator and Mask Edit Extender for asynchronous data transfer and validation.
- Used **Web Services** and XML standards, including SOAP and developed the prototype using XML web service (SOAP) for data transfer over HTTP network.
- Used Windows Communication Foundation (**WCF**) to communicate with other backend systems.
- Used **Team Foundation Server (TFS)** for version control.
- Involved in Debugging and fixing the bugs in the maintenance phase.
- Created Test Cases and performed Nunit Testing of components to ASP.NET.

Environment:

.NET Framework 3.5, C#/Vb.Net, Vb Script, ASP.NET, ADO.NET, LINQ to SQL, WCF, Visual Studio 2010, SQL Server 2008, Nunit Test, TFS, IIS, Web Services, AWS, HTML, XML, XSL/XSLT, CSS, JavaScript, jQuery, AJAX.

Megh Interactive, India

July 2014 – August 2017

Role: jr .NET Developer

Responsibilities:

- Interacted with the Business users to understand flow and gather their business requirements.
- Involved in the requirements gathering and design of the project.
- Involved in Coding Web Pages using **ASP.NET 3.5, C# /Vb.Net, Java Script**.
- Developed applications using JavaScript and client libraries like **jQuery, Bootstrap**, etc. to build modern Single Page Applications (**SPA**).
- Created web pages from requirements and Photoshop images using HTML5, CSS3, JavaScript, and jQuery against established UI/UX procedures.
- Implemented Server and Client-side validations using ASP.NET validation controls and jQuery.
- Designed and implemented components that convert disconnected record sets

to valid **XML** that is transformed by **XSL/XSLT** files to **HTML**.

- Improvised user experience using **jQuery** and used for event handling mechanism to dynamically assign events on web controls.
- Designed and Developed Service Oriented Architecture (**SOA**) with **WCF** Binding concepts for making Data Binding for endpoints.
- Coding and Tuning the Queries, Stored Procedures and Functions, Triggers using **PL/SQL**.
- Worked on the basic design of the website using the **CSS, Master Pages** and Navigation controls for consistent look and feel of the website.
- Used **Team Foundation Server** for Source Code Control, project related document sharing and team collaboration.
- Used **.NET** framework 4.0, n-tier architecture and Object-Oriented Methodologies for application development.
- UML was used for the preparation of Use Case, Sequence Diagram, ER-Diagram, and Class Diagrams using MS Visio.
- Involved in testing using the test-cases using **Nunit** framework.

With **Megh interactive** I have volunteered in many projects during my work span such as.

I. Name: Crown

Technology: Asp .NET core, Angular.JS

Description: An internal application of the company to process the hiring of employees.

Roles: Working on different modules of application.

II. Name: Treatment Tool (Xylem Project)

Technology: MVC

Description: A tool which allows client to provide products to their customers

based on the technical requirements and application. The products provide water

solutions for contaminated water.

III. Name: Trafosys Technologies

Technology: Mvc.Net, WEB API, LINQ, Entity Framework, WCF.

Description: A Portal for a generating faster, smarter and optimized Transformer design. Handling transaction and debit and credit facility for individual

account of users.

Roles: Worked at admin side development. Worked at client-side development as a support for basic flow including login, booking design and debit - credit for account.

IV. Name: Beraven

Technology: ASP.Net, C#.Net

Description: An ecommerce website of Kuwait, providing transactions online and delivery facilities

Roles: Managed whole project.

V. Name: Dalal City

Technology: ASP. Net, C# .Net

Description: A portal for getting information for booking all the available rooms for a hotel named Dalal City. The system manages booking and cancellation as per the availability.

Roles: Managed whole project.

Environment:

.NET 4.0, Visual Studio 2012, SQL Server 2012, C#, Vb.Net, VB Script, MVC, ASP.NET, Angular.js, Telerik, WCF, WPF, LINQ, ADO.NET, Entity Framework, Bootstrap, AJAX, TFS, XML, HTML, DHTML, SOAP, XAML, OAuth, IIS, JAVASCRIPT, CSS, WCF, TAP, Azure, AGILE.