

## **Khushboo Patel**

**Contact: +1 (470) 502-4820**

**Email: k.patel1128@outlook.com**

**Visa Status: US Citizen**

### **Summary**

- 10+ years of experience in designing and developing web applications, web services, and client/server applications by using Microsoft .NET technologies.
- Thorough understanding of all the phases of SDLC including requirement gathering, analysis & design, implementation and delivery; versatility to work on different platforms and bring an innovative approach in designing solutions.
- Hands-on experience on all stages of system development effort, including implementation, design, development, requirements analysis.
- Developed solutions using Object Oriented Programming concepts such as Encapsulation, Abstraction, Inheritance and Polymorphism.
- Good exposure in Tools and Web Technology, Windows using .Net Framework, .Net Core, Microservices, Swagger, MVC 5,4, C#, ASP.NET, Sql Server 2017, Java Script, JQuery, Entity Framework, Web API, Angular 4+, React js, EDI X12.
- Highly skilled in User Interface development using Web Technologies like HTML5, XHTML, CSS3, Bootstrap, JAVASCRIPT, JQUERY, Angular, AJAX.
- Good working experience in MVVM client-side JavaScript Frameworks like Angular and creating Web applications by using Angular 4 and above versions.
- Experience in building application with React JS, Redux, React hooks, Require JS, in MVC architecture.
- Proficient understanding of code versioning tools like Git and CI/CD tools like Jenkins.
- Technically strong in using back-end applications for relational databases like MS SQL.
- Wrote Stored Procedures, Complex Queries using SQL Server to extract data from the database, delete data.
- Experience in writing unit tests using MS-Test and N-Unit. Good Knowledge of Web API, WPF, Azure/Cloud.
- Experience developing Web Applications using HTML (4/5), CSS (2/3), JavaScript, TypeScript, Angular (2/4/5/6/7/8), React, Redux, Node.js, Express JS, jQuery, AJAX, XML, Bootstrap, Media Queries, CSS Frameworks, JSON
- Proficient in developing .NET applications in Visual Studio 2017/2019/2022.
- Strong team player, ability works independently and, in a team, as well, ability to adapt to a rapidly changing environment, commitment towards learning, Possess excellent communication, documentation, interpersonal skills.
- Energetic, highly motivated individual, with excellent Analytical and Communication skills (Oral and Written), an effective team player and team builder.
- Proficient understanding of Agile methodologies and using Kanban board in Jira.
- Clients Interaction primarily for technical discussions during the project development phases.
- Proficient understanding of code versioning tools like Git, Source tree, TFS and SVN.
- Experience in creating CI/CD pipeline through Azure.
- Wrote Stored Procedures, Complex Queries using SQL Server to Extract data from the database, delete data and Reload data.
- Experience in writing unit tests using MS-Test and N-Unit. Good Knowledge of Web API, WPF, Azure/Cloud.

### Tools and Skills

<b>Programming Languages</b>	ASP.Net, C#, VB.NET, SQL Server.
<b>.Net Technologies</b>	.Net Framework, ASP.NET MVC 5/4/3/2, C#.Net, ASP.Net, ADO.Net, WCF, Web API, Web Services, Entity Framework, LINQ
<b>Tools</b>	MS Visual Studio, Azure, and GitHub.
<b>Web Skills</b>	ASP.NET, MVC, Web API, HTML, JavaScript, CSS, jQuery, Bootstrap.
<b>Web Technologies</b>	HTML 5, CSS 3, JavaScript, Angular JS, jQuery AJAX, XML.
<b>Data Access</b>	ADO.NET, Entity Framework, LINQ.
<b>Web Services</b>	WCF, LINQ to SQL, XML, XSLT, IIS & knowledge of WWF, SSIS, and Testing.
<b>Reporting Tool</b>	SQL Server Reporting Services SSRS, Crystal Reports
<b>Databases</b>	SQL Server.
<b>Database Concept</b>	ADO.NET, EF Core.
<b>XML Related Technologies</b>	XML, XSL, XSLT, SOAP, and WSDL.
<b>Operating Systems</b>	Windows, XP, and Unix.blazer
<b>Version Control</b>	Visual SourceSafe, SVN, TFS-Team Foundation Server.
<b>Cloud Experience</b>	AWS and Azure
<b>Others</b>	MS Office, MS Visio, XML, XSLT, ODP .Net, Toad, SQL Profiler, SSRS, SSIS, SSMS

### Project Details

Georgia Power - Atlanta, GA  
present

Feb 2021 - at

**Sr .NET Full Stack Developer / Associate Software Engineer**

#### Responsibilities

- ◇ Involved in the Analysis, Design, Development, and Testing phases of the Software Development Life Cycle (SDLC).
- ◇ Designed client-side and server-side validation checks, session management, and efficient data access management using ASP.NET MVC 5.2
- ◇ Designed the Win Forms and implemented the logic using C# .NET.
- ◇ Implemented rich content front-end using Angular, HTML, and CSS3. Designed various components in Angular and consumed the backend ASP.NET web API. Wrote SQL procedures, triggers, and functions.
- ◇ Worked on Visual Studio 2022/.Net CORE 1.0 Framework to implement Business Logic. Used asp.net controls on the front end and designed the UI mostly using Html.
- ◇ Used asp.net validators and configured them accordingly on the front end. Worked with ASP .NET web forms and was involved in writing and modifying the back-end code of asp.net web pages.
- ◇ Worked on React JS Virtual DOM and React Views, rendering using components that contain additional components called custom HTML tags.
- ◇ Developing Web APIs in .Net Core 2.1 & EF Core 2.1 platform & creating unit testing. Effectively coded in C# .NET using .NET 4.5 techniques like lazy loading, reflection, etc.
- ◇ Designed and implemented features using, C# ASP.NET, and SQL server. Focused on frontend development using Materialize CSS and Toolbox API.

- ◇ Designed and implemented Web UI (Component UI) using Angular 4., typescript 2.3.4 reusable component element directives using HTML control templates. NGRX store state management.
  - ◇ Utilized C# and applied Object-Oriented Programming (OOP) concepts to design the application using ASP.NET Web Form, JavaScript, MVC, Web API, etc.
  - ◇ Developing Web APIs in .Net Core 2.1 platform and consuming in a web-based application, consume 3rd part APIs to interact with check scanning & depositing process.
  - ◇ Used Agile Methodology during rewriting the application and adding new features to the application. Extensively used React JS, Node JS, Express, HTML, CSS
  - ◇ Used Microsoft Graph API to connect to a single endpoint exposed by Microsoft.
  - ◇ Expertise in Amazon Web Services (AWS) such as EC2, Lambda, S3, Security groups and Simple Notification Services.
  - ◇ Worked on Microservices using Docker using Amazon EC2 container service and using AWS admin console.
  - ◇ Experience in configuring automation and deploying instances on AWS , also familiar with EC2, Cloud formation and managing security groups on AWS.
  - ◇ Experience with event driven and scheduled AWS Lambda functions to trigger various AWS resources.
  - ◇ Responsible for migrating the archive module of the application to AWS cloud using AWS API Services. Used Azure functions extensively to run anytime to respond to critical events. Worked event grids to communicate between two microservices.
  - ◇ Circuit breaker and CQRS pattern experience with respect to microservices. Worked on concepts of virtual and horizontal scaling.
  - ◇ Used asp.net validators on the design page to validate the data on the client side. Used ado.net code on button click events and respective control changed events like dropdown selected index changed event.
  - ◇ Expertise in data-driven applications with databases MS SQL Server. Wrote stored procedures, and functions and create packages in SQL.
  - ◇ Involved in User Interface design and business layer implementation using C#. JQuery, Node'S, Java Script, Angular IS, and WebAPI.
  - ◇ Involved in Creating SQL Server database to responsively handle. NET data access components.
  - ◇ Developing application using .NET 4.5/ 4.0/ 3.5, MS Visual Studio 2012/2010/2008, MVC 3.0/4.0, Razor View Engine, C.Net, ASP.Net.Net, LINQ, AJAX, XML, JavaScript,
  - ◇ Query, JSON, HTML and CSS, SQL 2008/2005, web services, and WCF.
  - ◇ Worked on the REST/WebAPI to create the services and tested on Fiddler and Used Angular IS to create the views.
  - ◇ Developed core functionality with the .NET Framework using C#, MVCS, Entity Framework, JavaScript, and SQLServer2012.
  - ◇ Integrating JavaScript libraries (Bootstrap, High charts, Data tables).
  - ◇ Worked on developing a different module with Angular 2 which will be run on Node S server and some modules have been developed using Angular 2 and React JS.
  - ◇ Deployed windows Kubernetes cluster with Azure Container Services (ACS) from CLI and utilized Kubernetes and Docker for runtime environments of the CI/CD system to build, test, and deploy.
- Environment:** C#, ASP.NET 4.5, Visual Studio 2022, AWS, XML, Angular 6, CSS, JavaScript, HTML5, J-Query, Typescript, WCF, CI/CD, MongoDB, Azure, GIT, Jenkins Entity Framework and SQL.

## Responsibilities

- ◇ Worked in Agile Scrum methodology and delivered accepted functionality in each sprint.
- ◇ Developed Application layer using C#, ASP.Net, .Net framework 4.5, HTML5, JavaScript, jQuery, Bootstrap, CSS3, HTML, AJAX and Angular 4 for client-side scripting to create highly responsive interfaces for users.
- ◇ Worked with Microsoft 365 as a data niche and used exposed API to gather data from 365 to provide access to rich, people-centric data and insights in the Microsoft cloud including Microsoft 365.
- ◇ Used JSON and Angular 4 to effectively improve the performance with less coding effort and achieved many client-side validations to block unauthorized content in application forms.
- ◇ Created Web API Controllers in ASP.NET MVC 5 to build, maintain Restful (XML, JSON) services, and consume the API's client-side using Angular 4 data binding.
- ◇ Used Entity Framework for communicating between Business Logic Layer and Data Access Layer.
- ◇ Developed system services SOA application platform for use by all web applications utilizing WCF services and the ASP.NET provider model.
- ◇ Created Typescript reusable components and services to consume REST APIs using Component based architecture provided by Angular 4.
- ◇ Undergone Optimizing, debugging, and creating views, triggers, indexes, and stored procedures in SQL 2012 and used ADO.NET technology for database transactions with data providers.
- ◇ Migrated on premise SQL database to Azure on Azure SQL.
- ◇ Interacted with IBM DB2 database for enabling the flow of data.
- ◇ Used React JS in the development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using the scope
- ◇ Used AWS to build Java applications that work with Amazon S3, EC2, EMR, Dynamo DB, RDS, IAM, Elastic Bean Stalk, VPC, Route 53 and SQS.
- ◇ Implemented MVC architecture application and created Lambda function in AWS using Spring framework.
- ◇ Experienced in the configuration of report server and report manager scheduling in MS SQL Server Reporting Services (SSRS) and used SSIS for transferring data in MS SQL.
- ◇ Created and maintained SSIS ETL packages to extract data from different systems and load a variety of large volume data into a data warehouse from an Excel file.
- ◇ Worked with advanced concepts of ASP.NET Core MVC such as Models and Providers, Filters used for developing backend technology.
- ◇ Using Artifactory for all builds ipa/apk/sdk etc. zipped files storage, i.e., CI/CD process.
- ◇ Maintained JIRA team Confluence System Engineering pages that included: Process Flow Management, Team Requirements, Roles and Responsibilities, and COP User Metrics
- ◇ Experienced with different Relational databases like Teradata, SQL Server, and MS Access. Worked on Teradata Store procedures and functions to confirm the data and load it on the table.
- ◇ Responsible for operational support and build/deployment processes to AWS Servers. Responsible for connecting Database SQL Server to MVC using ADO.Net Entity
- ◇ Create and configured the continuous delivery pipelines for deploying microservices and lambda functions using CI/CD Jenkins server.
- ◇ Experience in utilizing the NUNIT testing framework and followed Test Driven Development (TDD) to develop web applications for verifying code integrity.
- ◇ Used Source Control Tools such as Team Foundation Server (TFS) and maintain a Repository of the Application.

**Environment:** C#, .Net Framework 4.5, ASP.NET, ADO.NET, MVC 5, CI/CD, AJAX, XML, XSLT, Visual Studio 2015/2017, IIS 7.5, HTML 5, CSS 3, Microservices, AWS, Java Script, Rect.js, microservices

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PHP, Typescript, angular 2/4, Tera Data, SQL Azure, SQL Server 2014, T-SQL/PLSQL, PL/SQL or Microsoft Transact-SQL programming, NUnit, TFS.

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**Wellcare - Tampa, FL**

**Jun 2013 - Mar**

**2016**

**Sr Full Stack Dot Net Developer / Sr. Software Engineer**

**Responsibilities**

- ◇ Involved in the Analysis, Design, Development, and Testing phases of the Software Development Life Cycle (SDLC).
- ◇ Proactively interacted with Product Owner and Manager to understand Business dependencies as part of Agile methodology.
- ◇ Worked alongside Designers for creating more User-friendly designs and Created design documentation and data modelling for the entire project.
- ◇ Responsible for developing the UI pages using HTML5, CSS3, JavaScript, Bootstrap, JSON, jQuery, Angular 6, Node JS, AJAX.
- ◇ Developed SPA (single page application) using Angular 6.0 under the principles such as Responsive and Adaptive design.
- ◇ Worked with Angular 6 forms, Modules, DOM, Events, Expressions, Controllers, Filters, and HTTP Requests.
- ◇ Client and server-side validations using JavaScript and Validation Controls and performing the tasks related Database issues.
- ◇ Actively Participated in Team Meetings, frequently communicated with Business Analysts to clarify the business requirements and working with QA Team as part of Bug life cycle, implemented Unit testing using N-Unit.
- ◇ Involved in the design of UML diagrams like Class Diagrams, Sequence Diagrams and Activity Diagrams from the Use Cases.
- ◇ Using n-tier architecture which includes User Interface (UI), Business Logic Layer (BLL) and Data Access Layer (DAL) in .NET C#.
- ◇ Developed Web Services and invoking them by using XML, SOAP and WSDL tool for creating proxy classes.
- ◇ Worked on event hubs to gather data/messages from IOT hubs push notifications. Worked with Azure AD for authentication mechanism.
- ◇ Used Microsoft Entity Framework Code First approach for the Data Access Layer for the ASP.NET MVC application.
- ◇ Developed web forms with ASP.NET Custom Controls, Web User Controls and used ASP.NET Validation controls and custom validators to validate the user inputs. Developed user controls in C# to have binding of data in Master pages.
- ◇ Performed CRUD operations like Update, Insert and Delete data in SQL Server. C# Code tested the application and fixed the defects raised by the QA team.
- ◇ Using GIT for Version Control, Jenkins for Continuous Integration, JIRA as a Defect Tracking Tool, used Bugzilla for Issue Tracking.

**Environment:** C#, ASP.NET 4.5, Visual Studio 2015, XML, Angular 6, CSS, JavaScript, HTML5, J-Query, Typescript, WCF, CI/CD, Azure, GIT, Jenkins Entity Framework, and SQL.

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***Educational Details***

- B.Sc in Computer Applications, Naseem Monjee Institute of Management Studies, Mumbai-2009
- M.Sc in Computer Applications, Narsee Monjee Institute of Management Studies, Mumbai-2012