**Bintal Patel**

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**Professional Summary**

* 8+ years of specialized expertise in web-based application development using .**NET Framework (4.5/4.6/4.7/4.8), Web API, Razor, Ms Blazore ,Webpages, MVC, HTML5, CSS, and JavaScript frameworks including Angular, jQuery,** and **Bootstrap,** ensuring robust, scalable, and visually appealing solutions.
* Experienced with deployments, Maintenance and troubleshooting applications on Microsoft Cloud Infrastructure Azure.
* Expert in developing **Single Page Application (SPA)** with **Angular 2/4/5/6/7/8/9/10**/**11/12/13/14/15,** **Angular CLI**, **TypeScript**, and skilful in Angular features such as **Material Design**, **Components**, and **Services**.
* Experience in Data retrieval and Manipulation of SQL SEVER Using **ADO.NET** components such as Connection Object, Command Object, Datasets, Data Adapter, Data Reader, Data View and Data Table.
* Experience in programming the **Data Access Layer (DAL), Business Logic layer (BLL)** and **Presentation Layer (UI)** using **C#.NET** and **HTML.**
* Expertise in Working with databases **SQL Server** by writing Queries, Stored Procedures, Views using T-SQL, Maintaining Database, experience in **Query optimization.**
* Proficient in developing **Business Layer** and **Data Layer**using Language Integrated Query (**LINQ**) providers for data manipulation.
* Proficient in VB.NET programming language .
* Extensive experience in creating rich content **Web Forms, Web User Controls, Server Controls, Web Service, WCF Service and Web API Calls.**
* Experience working with Various Source Control software like GIT, Visual Source Safe (VSS) and Visual Studio **Team Foundation Server (TFS).**
* Experience in designing and branding **Master Pages** utilizing **Server Controls**, **User Controls**, **Data Grid control**, **Forms Validation** controls, **Custom controls** and **CSS**.
* **Strong Experiences in creating and Integration of XML Web Services. Worked on SOAP HEADER, and**
* **SOAP EXCEPTION. Strong experience in using Oracle for the back-end applications**
* Working knowledge on different entity framework development approaches - DB-First, Code-First and Model-First
* Provide support of **eCommerce** application
* Experienced in Configuration Management, setting up company Version policies, build schedule using **GIT, Team Foundation Server (TFS).**
* **Develop and imprinted an AI – based system .**
* Excellent Interpersonal and Communication skills, willing to work in a team environment with tight schedules and capable of working efficiently under shorter deadlines.

**Technical Skills**

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| **Languages** | C#, TypeScript, XML, |
| **.Net Technologies** | .Net Core 2.1/2.0, C#.Net (4.0/3.5/3.0), VB.NET (9.0/8.0), Asp.Net (4.8/4.7/4.6/4.5), Web Forms, MVC (5/4/3), REST stateful/stateless Web Services, Ajax, ADO.Net 4.0/3.5/3.0, LINQ, WCF, WPF, Visual Studio 2017/2015/2013/2012/2010, Azure Cloud services |
| **Web Technologies** | HTML5, XML, jQuery, Angular 2/4/5/6/7/8/9/10/11/12/13, JSON, CSS, Bootstrap |
| **Version Controls** | TFS (Team Foundation Server), Git |
| **Web server** | Microsoft Internet Information Services - IIS (5.0/6.0/7.5/8.0) |
| **Database** | MS SQL Server, Oracle |
| **Data Integration & Reporting** | SSIS, SSRS |
| **Version Control** | GIT, Team Foundation Server, Subversion, SVN, Visual Source Safe |
| **Software Methodologies** | Agile (SCRUM) |
| **Operating System** | Windows, iOS, Android |

**Professional Experience**

**Client: Guardian Life Insurance, NY Dec 2023 – Till Date**

**Role: .Net Developer**

**Responsibilities:**

* Participate in all phases of **Software Development Life Cycle (SDLC),** including **Analysis, Design, Programming, Testing**, and **Deployment.**
* The web application was developed and designed using **Angular 15/14** and **.NET Core** as the backend technology.
* Designed and developed an application using **C#, ASP.Net MVC 5.0,** and **Entity Framework 6.**
* Utilized **ASP.NET Web API2** to provide services to **HTTP** requests and create Rest Services.
* Implemented validations on Web Forms using **.Net** With **Angular 15/14** support for **.Net Validation Controls** and **Client-Side Validation.**
* Utilized **Postman** services to ensure that the **get, post, put**, and **delete** functionality worked as expected.
* Developed a **Web Application** using the **MVC** design pattern using **Razor** syntax for the view engine, as well as **C#** for the backend.
* Used **Azure components** like Service Bus implements a communication system between mutually interacting software applications, Message Queues, Redis Cache to supports data structures such as strings, hashes, lists, sets, sorted sets with range queries.
* Deploy technical services and handle incidents by using Microsoft azure platform to enhance customer experience.
* Troubleshoot, evaluate and resolve connectivity issue for application running on azure .
* Utilized **Angular** cli to create **components, modules, services, pipes, guards, interfaces, resolvers,** etc.
* Utilized **Azure APIM** gateways and policies for **API Life Cycle** management and **JWT** token-based security.
* Developed features for preservation notices, remediation, and cross-border checks.
* Developed and debugged the application using **Visual Studio .NET IDE.**
* Managing the source code and tracking defects with **TFS** is a good idea.
* Workflow services are implemented in **C#.**
* Developed unit tests and coordinated with our **QA** staff to achieve the best balance of error prevention and error detection. We tracked bugs using **JIRA.**

**Environment:** ASP.Net Framework 4.8, C#. Asp.Net Core 3.1, Angular 15/14, TypeScript, NPM, Node JS, Azure, DevOps ,HTML5, CSS3, Bootstrap, Visual Studio,Jenkins, TFS, Agile, Windows

**Health Advocate, Plymouth Meeting, PA. December 2022 – Nov 2023**

**.Net Developer**

* Effectively involved in various stages of development of the project starting from the project planning until production and maintenance using **Agile Methodology.**
* Lead the migration process from **.NET Framework 4.8** to **ASP.NET Core 3.1,** ensuring seamless transition and minimal disruption to existing functionality.
* Designed Front-End **Web Forms,** web page used **ASP.NET Razor View** as a view engine and **HTML5, CSS3, Bootstrap**, **TypeScript, Angular 13/15**.
* Implemented an AI system design.
* Trained AI models using datasets and optimized training process .
* Built numerous C# UI components and business modules. Utilized .**NET Web API with Python**.
* Created multiple **TypeScript modules** to manage written codes in **Angular project.**
* **Ability to develop and maintain application using VB.net.**
* Used NPM for installing required node modules and other published Angular NPM modules.
* Employed Angular services to fetch and manage data, which was seamlessly displayed in **Kendo UI grids** and charts.
* Developed **ASP.NET Core Web API** based on departmental requirements and specifications.
* Migrated data from on-premises data servers onto Microsoft **Azure** cloud platform utilizing **Azure** data factory and Deployed .NET application to Microsoft **Azure** Cloud Service project as part of cloud deployment.
* Designed and implemented **WCF services** to facilitate communication between distributed systems.
* Collaborated closely with design and **UX/UI teams** to translate project requirements into visually appealing and user-friendly web applications.
* Created different business classes and interfaces using .NET Framework with Python wif Object
* Oriented Programming Methodology.
* Responsible for maintaining versions of source code using **Team Foundation Server (TFS).**
* Used **JIRA** for requirements gathering and testing and Bug tracking.

**Environment:** .Net Framework 4.8Migrated to ASP.NET Core 3.1, ASP.Net Web API 2, C#, WCF, Kendo UI, ASP.NET,Razor View, HTML5, CSS3, Bootstrap, TypeScript, Angular 13/15, Jenkins (REST API, CLI), Azure, Team Foundation Server (TFS), JIRA.

**Humana June 2022 – Nov 2022**

**.Net Developer**

* Followed **Agile Methodology** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Designed and Developed application using **C#, ASP.Net MVC 5.0** and **Entity Framework 6.**
* Worked with Web API to provide services to HTTP requests and created Rest Services using **ASP.NET Web API2.**
* Implemented **RESTful services** with **ASP.NET Core 3.1 API** and **C#** to be consumed by various front-ends and test the service request/response using **postman**.
* Implemented OAuth and used swagger for implementing the Web API application with **.NET Core** using **Http Verbs** and **attributes.**
* Designed and developed rich, interactive user interfaces using **WPF**, adhering to **MVVM (Model-View-ViewModel) architecture.**
* Developing the application using **MVC, Entity Data Model and RESTful** and **WCF services.**
* Leveraged **Angular 13** for scripting, **AJAX calls, JSON** for passing objects from Controller to View and vice versa.
* Used **C#.NET, ASP.NET** **Core** and **Entity framework** to define and implement secure middle-tier components using both connected and disconnected environment strategies. Components were consumed by web applications utilizing SQL Server and stored procedures to perform logical business transactions.
* Used **ASP.NET Core** built-in **Dependency Injection** to improve performance and reliability of the application. Worked on **Token (OAuth) Based Authentication.**
* Involved in designing and development of **REST-based services using Web Services/WCF**.
* Created message handlers in **Web API2** to implement global level authentication.
* Implemented caching mechanism on page level (web forms) and for ASP.NET web server controls
* Performed Unit Testing to identify and resolve integration, functional and usability issues before deployment.

**Environment:** .Net Core 3.1,C#, MS Visual Studio 2017, ASP.NET MVC 5, Angular 13, HTML5, CSS3,MS blazor , Bootstrap, ASP.Net Web API2, WCF, JSON, REST, MS SQL Server 2019, Entity Framework 6, Team Foundation Server, Agile, Windows.

**American Family Insurance, Madison, WI Aug 2020 – Sep 2022**

**.Net Developer**

* Involved in the implementation of design using vital phases of the Software development life cycle (SDLC) that includes Development, Testing and Implementation using **Agile Methodology.**
* Designed and implemented RESTful web services using ASP.NET Web API on .NET Framework 4.7.2, facilitating seamless communication between client applications and backend systems.
* Coordinate level 3 support coverage in the region for **ecommerce** application
* Designed client-side and server-side validation checks, session management and efficient data access management using **ASP.NET MVC 5.2.**
* Configured **Active Directory** in **Azure** for authenticating the clients and provide access legacy API’s with valid JWT token.
* Implemented rich content front-end using Angular 10, HTML5 and CSS3. Designed various components in Angular and consumed the backend **ASP.NET web API.**
* Implemented security features such as authentication, authorization, and data encryption using .NET Framework 4.7.2 security libraries and best practices to safeguard applications against security threats.
* Developing Business logic layer with .Net Core controllers and its endpoints using Web API methodology of different **HTTP verbs.**
* Developing Client-Side Single Page Web Application using **Angular 10.**
* Worked on **Azure Active Directory** for authentication of users to access API's.
* Using with **Type Script, ES6** as programming languages for Developing Client-Side Application.
* Developed unit test cases and performing Unit and Integration testing of the application using **N-Unit** and **X-unit** Framework and Maintaining 70% Code Coverage.
* Used **TFS (Team Foundation Server**) for bug tracking, Work Item Tracking and published test results in TFS to share with the team members.
* Used **JIRA** and **Target Process** for project related document sharing, team collaboration, task assigning and sprint meetings and project analysis.

**Environment: .Net** Framework 4.7.2,ASP.NET CORE 2.0, MVC, Web API, C#, HTML 5, CSS3, Bootstrap 4, Angular 10, Typescript, Mongo DB, GIT, TFS, Visual Studio 2017, N-Unit, Jenkins, Azure, Agile, Windows.

**Pampered Chef, Addison, IL Feb 2019 – Jul 2020**

**.Net Developer**

* Working in **Agile Methodologies** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Re-architected a monolithic **ASP.NET web application** to queue-based micro services to improve reliability, performance, and maintainability.
* Prepared the architecture plan to create the **Azure Cloud environment** to host migrated IaaS and PaaS role instances for refactored applications and databases.
* Utilized C# and applied **Object-Oriented Programming (OOP)** concepts to design the application using **ASP.NET Web Form, MVC.**
* Widely used **Angular 4 UI-bootstrap** components like date picker, directives, model pop-ups, ng-grid, router Provider's, progress bar, ng-Idle, ng-Upload.
* 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 **server-side** **web API.**
* Worked on parsing and editing **XML documents** by validating it to the schema using class libraries provided by .NET.
* Used Data Grids, Datasets, Data Views, Data Adapters and Data Readers to extract data from Backend.
* Involved in retrieving data using LINQ to SQL and **LINQ** to Objects with **ASP.NET**, worked with the database using **LINQ** to **SQL** and Worked on LINQ to XML to generate complex XML and load data from **XML.**
* Used **JIRA** and **Target Process** for project related document sharing, team collaboration, task assigning and sprint meetings and project analysis.

**Environment:** ASP.Net 4.6, C#, MVC5,Angular 4, XML, JSON, LINQ, SQL Server 2017, HTTP, HTML, Bootstrap, Agile, Windows.

**SPEC India, Gujarat, India Jan 2016 – Jan 2019**

**.Net Developer**

* Associated in full life cycle of the project from requirements gathering, analyzing, designing, and developing the application using **Test Driven Development (TDD)** apart from **AGILE Methodology.**
* Designed and developed data service components using **WEB API** and REST, Consumed REST services by making AJAX calls.
* Worked on creating Restful Services using WCF for provider services Module with multiple bindings. Implemented WCF Exception shielding for **WCF services** also created Service contracts, Data contracts for multiple services using WCF
* Implemented Data Access Layer using **ADO.NET, Entity Framework** and **LINQ**.
* Developed n-tier web application using **ASP.NET MVC, C#, ADO.NET, HTML, CSS, XML.**
* Implemented data transformation logic using **SSIS transformations** such as Derived Column, Lookup, Conditional Split, and Aggregate to manipulate and enrich data during the ETL process.
* Designed and developed interactive and visually appealing reports using **SSRS,** leveraging features such as tablix, charts, parameters, and drill-down capabilities to present data effectively to end-users.
* Integrated **SSRS reports** into other applications and platforms using web services, URL access, or embedding report components within custom applications to provide seamless access to reports within existing workflows.
* Worked on **LINQ queries** and ORM tools like Entity framework to exchange data between web services and database objects.
* Passed the UI data to the **PL/SQL stored procedures** and created batch processes using **PL/SQL** and **C#.Net.**
* **Developed SSIS packages utilizing Control Flow and Data Flow tasks to orchestrate complex data workflows, including data cleansing, transformation, and loading tasks.**
* With the help of Entity Framework, made a connection to the services and oracle database.
* Used **JSON** to transmit data between Server and Web Application, an alternative to **XML Serialization**
* Worked on **Git** to push my changes on day-to-day basis, created branches and pull requests to maintain the code history.

**Environment:** ASP.Net 4.6, ADO.Net, MVC5, Web API, HTML5, SSRS, Bootstrap, SSIS, HTTP, CSS, XML, WCF, AJAX, Windows.

**Education:** BCA (Bachelor of computer Application) in 2014, from Anna University (Chennai)