**PRIYANKA**

**Senior .NET Developer**

# Summary

* 9+ years of extensive experience as a .NET Developer in analysis, design and implementation of web based, windows-based client-server applications in Microsoft Technologies using **C#, VB, .NET Framework, Classic ASP, ASP.NET, ADO.NET, WinForms, MVC, Web Forms, SQL Server, Oracle, Web Services, VMWARE, Windows Services, XSLT, and Crystal Reports.**
* Strong Experience in developing applications using frameworks like **.NET 4.5**, **.NET 4.8**, **.NET core 3.1,** **.NET core 5, .NET core 6** and **Angular 11 .**
* Experienced in all phases of software design, development, and testing of business applications using Visual Studio.NET, C#, VB.NET, ASP.NET MVC, ASP.NET WEB API, .NET Core, HTML, Angular. JS, JAVA Script, C and SQL Server, DHTML.
* Proficient knowledge in Cloud services like AZURE, AKS, ACR and AWS Services, ECR, EKS, Function Apps, App Insights, Cosmos DB etc.
* Experience in Azure Storage, functions, Logic apps, App services, Web Jobs, Key Vault, Active Directory, AAD B2C, Cosmos DB, SQL DB, Application Insights, Monitor, Log Analytics, Azure CLI, CI-CD with Azure DevOps.
* Experience in creating loosely coupled classes using Dependency Injection.
* Experience with Object Oriented Programming (OOP's) methodologies, Design Patterns including Model View Controller (MVC) and their implementation using polymorphism, inheritance, and encapsulation.
* Involvement in different phases of the Software Development Life Cycle (SDLC), testing, deployment, installation and user training of software and database design.
* Expertise in designing ASP.NET based Graphical User Interfaces with CSS, JavaScript, AJAX, jQuery, Angular, Bootstrap, and HTML.
* Skilled in developing database objects, stored procedures, and triggers using PL/SQL and T-SQL in SQL Server.
* Extensive experience in Amazon Web Services (Amazon EC2, Amazon S3, Amazon Lambda, Amazon RDS, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and AWS OpenSearch).
* Experience in writing **Terraform** scripts as **IAC** for **AWS** resources.
* Experience in using build/deployment tools such as **Jenkins, Docker, and OpenShift** for Continuous Integration & Deployment of Microservices.
* Experience with Object Oriented Programming such as collections API, threads, Multithreading, Data Structures, and Algorithms.
* Developed the application with Angular8 with MVC framework and check while developing whether the services are ready, if ready consume the services by configuring the endpoint URL’S and writing service calls, and integrate the application with services, which are made on REST.
* Developed ASP.NET MVC 4 applications using Code First Approach in Entity Framework 4 and UI in Razor View Engine and have experience with the MVC Architecture.
* Experience working on Enterprise Message Brokers/solutions with RabbitMQ, Kafka, GRPC.
* Experience in Software Configuration Management (Daily Build, Release, and testing methodology) Using Azure DevOps Team Foundation Server (TFS), Microsoft Visual Source Safe (VSS) and Git.
* Experienced in unit testing with N-Unit and Jasmine, as well as client-side debugging using Firebug, Fiddler, and SOAP UI.
* Experience in developing the data access components using ADO.Net Objects and ADO.Net Entity Framework Components with LINQ to Entity Queries.
* Strong knowledge of object-oriented concepts and working experience with languages like C#, C++, and Java.
* Used SSIS to manipulate data to integrate the SQL Server database into larger processes.
* Designed and Developed reports using SSRS. Reports were developed against a variety of data sources which included SSRS.
* Proficient in using Jasmine for unit testing JavaScript applications, including Angular and React projects.
* Created LINQ enabled database layer using API such as LINQ to SQL and Entity Framework.
* A Good team player with excellent communication and inter-personal skills with a positive attitude towards work, loyalty towards time schedules for worthful delivery.
* Worked with Angular 7/8/9/10 framework to run the Bootstrap method against Typescript files.

**TECHNICAL SKILLS:**

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | C#, VB.NET, SQL, .Net Core |
| **Web Technologies** | ASP, ASP.NET, HTML/DHTML, CSS, XML, XSLT, AJAX, SOAP, REST, Bootstrap, JavaScript, AngularJS, React-Native, Angular 11 |
| **Distributed Tech** | Web Services |
| **Web/App Servers** | IIS, Apache |
| **Rel Database Servers** | SQL Server, Oracle, MySQL, SQLite |
| **Operating Systems** | Windows, Mac |
| **Scripting Languages** | JavaScript (jQuery, Toolkit) , CSS |
| **Server-Side Technologies** | .NET Core, .NET framework, ASP.NET MVC, ASP.NET Core MVCASP.NET Web Forms Web API, WCF, Web Services |
| **Distributed Technologies** | XML Web Service, Dot Net Remoting, WCF, Web API, Restful Services |
| **IDE** | Visual Studio, TFS, Microsoft Visio, Eclipse. |
| **Others** | AWS, Microsoft Azure, SQL Azure, Azure Search, Azure Active Directory. |

**PROFESSIONAL EXPERIENCE**

## KFC, Louisville, KY Duration: June 2024 – Till Date

**Role: Sr .NET Developer**

**Responsibilities:**

* Develop and maintain integrations between digital ordering platforms, POS systems, and payment gateways.
* Implement Braze event tracking for customer journey interactions (cart abandonment, order confirmation, loyalty program updates).
* Build and maintain RESTful and GraphQL APIs to support seamless data exchange.
* Integrate OneTrust & Transcend solutions for compliance and data privacy management.
* Ensure data integrity across systems using message queues (Azure Service Bus, AWS SQS, Kafka).
* Used Terraform to automate infrastructure provisioning across AWS and Azure.
* Deploy and manage cloud resources like AWS Lambda, API Gateway, DynamoDB, and S3.
* Implement and optimize Azure Functions, CosmosDB, Service Bus, and API Management.
* Terraform & AWS Deployment Automating cloud infrastructure provisioning, scaling, and security.
* POS & Payment Gateway Integrations Creating API-driven, secure, and scalable integrations between order management systems, POS, and third-party payment services.
* Secure application deployments using CI/CD pipelines (Azure DevOps, GitHub Actions, AWS CodePipeline).
* Used GITHUB for source control
* Leveraged data controls such as data grid, data list and repeater controls to present data in a customized format throughout the application.
* Work closely with business teams and vendors to understand integration requirements.
* Conduct regular meetings with leadership to provide updates on project progress and risks.
* Collaborate with cross-functional teams (Security, Compliance, DevOps, and Data Engineering).
* Maintain technical documentation for APIs, integrations, and deployment processes.
* Used Application Insights SDK in .NET Core APIs to log requests, dependencies, and exceptions.
* Application Insights with Azure Monitor Alerts for critical event notifications
* system logs critical application events, user interactions, and infrastructure performance in Azure for better debugging, security, and compliance monitoring.
* Worked on Agile methodology to meet timelines with quality deliverables, actively participated in Scrum meetings to update the team on application development progress.

**Environment:** Visual Studio .NET 2019/2022, RiderTFS/VSTS (Azure DevOps) / GitHub for source control & CI/CD ,Postman / Swagger for API testing,Braze ,NET Core 3.1/6, ASP.NET Web API, Entity Framework,Windows Server / Linux for API Hosting

**American Family Insurance, Milwaukie, WI Duration: JAN 2022 – May 2024**

**Role: Sr .NET Developer**

**Responsibilities:**

* Created and implemented an end-to-end web application with various web services on faster pace to ensure claimants applied for emergency benefits from federal and state.
* Developed and assisted in migration of web applications to **Angular 11** Application. I took the responsibility of Architecture of the standalone module for the complete migration of the module.
* Working with Azure cloud service offering (covering Azure Compute, Storage and Network and PaaS services including App Services, Resource Groups, Azure SQL, Cloud Services, ARM, Web Role/Worker Role, SQL Azure Database among others)
* Implemented the project on Visual Studio 2019 .NET Framework 4.6.2, C#.NET, ASP.NET MVC 5 with Entity Framework 6, SQL Server 2015 and LINQ.
* Developed and implemented the web application in C# with ASP.NET MVC, JavaScript, jQuery, and HTML.
* Designed and optimized database schemas, crafting complex SQL queries, stored procedures, functions, and triggers to efficiently fetch and store data.
* Developed N-tier web applications in .NET environment using C#, .NET, ASP.NET CORE Web API, Console Applications, Web forms, Win Forms using VS 2019 and SQL server 2019.
* Demonstrated expertise in implementation of Object-Oriented Languages (OOPS), Object Oriented Application Development (OOAD), Relational Database (RDMS).
* Led server configurations and migrations for IIS latest web server, ensuring smooth deployment, handling server-related issues.
* Seamlessly migrated applications from VB.net to C# and integrated the latest technologies for enhanced user experience.
* Actively mentored peers to build their capabilities and contribute to the team's success.
* Designed presentation layers using HTML, CSS, JavaScript, and jQuery UI for web pages.
* Leveraged data controls such as data grid, data list and repeater controls to present data in a customized format throughout the application.
* Proficient in Visual Studio 2019, .NET, .Net Core, GIT, AngularJS, Azure DevOps, Azure Cloud, and Terraform. Working experience **in Docker and Kubernetes** environment.
* Design and build REST APIs using Web API framework and C# to facilitate data exchange with external applications.
* Experience with Asynchronous messaging using Kafka, MSMQ, Redis.
* Utilized Entity Framework and LINQ to SQL / XML to efficiently access and manage databases.
* Worked proficiently with multiple databases, including SQL and DB2, maintaining jobs that regularly synced claimant data from SQL to DB2.
* Extensive experience on enhancing application with a new database flavor **PostgreSQL**.
* Strong experience in handling **Db Migration** challenges.
* Developed and maintained web applications using Angular/React, incorporating Jasmine for unit testing to ensure code quality.
* Enhanced AFI Code layer to be efficient in handling all the three database flavors **Oracle**, **MS SQL**, **PostgreSQL.**
* Developed and Enhanced Admin Module of AFI using **Azure** stack.
* Successfully migrated the application to the Azure cloud platform, ensuring scalability and enhanced performance.
* Automated Build and Deployment build some pipelines with Azure DevOps byContinuous Integration (CI) triggers automatic builds on code commits, providing early feedback on potential issues.
* Worked on Agile methodology to meet timelines with quality deliverables, actively participated in Scrum meetings to update the team on application development progress.

**Environment:** VisualStudio.NET 2019, Azure Web API, Agile, JQuery, CSS Entity framework, ASP.NET, C# .NET Framework 4.5/4.8, VB.net, XML, HTML5, ASP.NET MVC, TFS, VSTS, Three Tier Architecture, SQL SERVER 2014, SSIS, IIS 7.5, JavaScript, JQuery, Windows Server.

## GTIL, India (CSX - Jacksonville, FL) Duration: Aug 2020 – July 2021

**Role: Sr .NET Developer**

**Responsibilities:**

* Successfully developed new features for the application, using C# and ASP.NET MVC 5, with a focus on maintaining loose coupling and scalability.
* Proficiently handled web pages development with HTML5, CSS3, and JavaScript libraries like Bootstrap and jQuery, delivering a smooth user experience.
* Led the development of REST APIs using ASP.NET Web API2.0, leveraging HTTP verbs for efficient data retrieval and transmission in JSON format.
* Developed robust business layers using LINQ to Objects and LINQ to SQL, adhering to SOLID principles for maintainable solutions.
* Ensured secure API access with JWT Token-based authentication, providing authorization for different user roles.
* Proficiently deployed applications on **AWS using Chef** and **Ansible playbooks**, configuring **Tomcat** servers for seamless maintenance.
* Developed **Serverless .NET core APIs** and Integrated with **AWS Lambda Function**.
* Using **AWS S3 bucket** as a container to store **Serverless .NET core** application.
* Experience in using **AWS SQS** for Queuing mechanism for Bond Application.
* Proficiency in writing **Terraform** as **IAC** for all the AWS resources and hosting the end points on **AWS API gateway**.
* Implemented Data Access Layer (DAL) of Web API using Entity Framework 6.
* Used Swagger to test ASP.NET CORE WEB APIs.
* Installed NodeJS package as a dependency to work with ReactJS.
* Demonstrated expertise in building cross-browser web applications using ReactJS with Redux, Redux Forms, ES6, HTML5, Sass, and Bootstrap.
* Proficiently managed source code using Team Foundation Server (TFS), ensuring seamless version control and efficient collaboration.
* Implemented data obfuscation using C#, ADO.NET, and Faker NuGet package, enhancing data security and privacy.
* Developed **NodeJS function** endpoints to communicate with **AWS DynamoDB**.
* Created unit test cases by using MOQ framework to test the code that was developed.
* Implemented Angular Service calls using Angular Factory.
* Prototype concept using ASP.NET core and EF7 model first to replace current Access apps.
* Design and develop Web Applications using ASP.NET MVC 5 and C# that are used by internal users.
* Worked with ASP.NET Web Forms, Web Services, and State Management, caching features, configuring optimizations, and securing the web application.
* Developed modular and reusable components in Angular, with extensive unit tests written in Jasmine.
* Application development experience in SharePoint 2013, 2010 and MOSS 2007.
* Set up and configured Jasmine testing environment, including Jasmine.Json and Karma configuration files.
* Development was done using Agile methodology with daily scrums, and continuous integration using the SDLC process to deliver higher-quality software far more rapidly.

**Environment:** Visual Studio 2012/2017/2019, Visual Studio Code, C#, VB.NET, VB6, ADO.NET, Entity Framework, SQL Server 2016, ASP.NET MVC 5, HTML5, CSS3, JavaScript, ES6, Bootstrap, ReactJS, Redux, Microsoft Azure, RESTful services using ASP.NET WEB API, ASP.NET CORE, Swagger, Windows Service, VSTS, TFS, AWS.

## GTIL, India (MINT MOBILE - Dallas, TX) Duration: Jan 2019 – Jul 2020

**Role: Sr .NET Developer**

**Responsibilities**

* Tuning and managing Azure services and configurations.
* Developed Application User Interface using **Angular 7**.
* Developed **.NET core** API’s using **.NET core 3.1** framework.
* Implemented User authentication and authorization between multiple systems, servers, and environments.
* Used with Entity Framework, MVC, Ajax, Restful Architecture, APIs, and Web Services.
* Experience working on a team utilizing Agile methodologies, including Scrum.
* Create and configuration of API Managements for API(s).
* Used NoSQL **Mongo DB** as the database for the application.
* Used **Mongoose** as ODM library for Mongo DB.
* Built NoSQL schemas to store documents and maintain sessions in MongoDB.
* Experience using DevOps tools.
* Implemented the data access layer using Entity Framework.
* Implemented & Developed Microservices for the business components using Core .NET framework.
* Logic moves from monolithic application services split into microservices.
* Testing with POSTMAN and Swagger tool, SOAP UI.
* Build a repository to perform CURD operations.
* Designed and developed tool for recruiters that helps in hiring process (Resource Management) using C#.NET, ASP. Net MVC and deployed into App Service in Azure.
* Configure swagger documentation for API.
* Provided complete automation build release solution using Azure DevOps.
* Develop **Azure resources** using **Terraform** as **IAC.**
* Configuring cloud platforms such as **Virtual Machines, Web Apps, Azure AD, DBs, Cloud services, Azure Cosmos DB**.
* Experience in using **Azure Key Vault service**.
* Experience in using **Azure Functions** to deploy serverless .NET core API’s.
* Experience in using **Azure Blob** for storage purpose of files.
* Experience in using **Azure cosmos DB**.
* Hosted Serverless .NET core APIs on **Azure Application Gateway**.
* Involved in **Azure Infrastructure Management** (Azure web role, Worker role, SQL Azure, Azure Storage), services such as Queues, Blobs, and Containers for data persistence and management.

**Environment:** Azure, DevOps, Windows, .NET Framework .Net Core, Visual Studio 2019, Visual Code, VB.NET, C#, ASP.NET, ASP.NET MVC, CSS, Bootstrap, Microservices, HTML, Restful, jQuery, Java Script, AJAX, JSON, IIS 7.0, TypeScript, Material UI, Microsoft Office, XML, VMware, IIS Web servers, AWS.

## GTIL, India (Walgreens - Chicago, IL) Duration: June 2017 – Dec 2018

**Role: .NET Developer**

**Responsibilities:**

* Duties include designing, planning, developing, and deploying Microsoft .NET based solutions that meet or exceed client expectations with Industry quality and coding standards.
* **Active Directory Federation Services (ADFS), SAML, web Single Sign-on (SSO), OAuth and related authentication technologies.**
* Involved in building stable React components and stand-alone functions to be added to any future pages.
* Developed the system services, SOA application platform which can be used by all web applications utilizing WCF services.
* Developed modular and reusable Terraform modules for infrastructure components, enhancing code maintainability and reusability.
* In this project we are involved in the technologies that work with ASP.NET MVC, SQL, REST, SOAP, and all the related .NET technologies.
* Utilized Helm charts to package, version, and deploy complex applications on Kubernetes, streamlining the deployment and upgrade process.
* Developed the application using HTML5, C#, ASP.NET MVC, Bootstrap, jQuery.
* Consumed Web services using WCF and WPF for online transactions using C# and exposed them through SOAP and HTTP.
* Utilized various JQUERY UI plugins to build Rich Internet Application (RIA) to make it look more intuitive.
* Solved problems using a combination of JavaScript, JSON, and JQUERY UI
* Use Window azure to deploy the application on cloud and managing the session.
* Participated in designing and developing the data access layer using NHibernate (ORM).
* Used GIT Repository with VS extensions for version control and source code maintenance needs.
* Worked to convert application into WPF component and implement existing function enhancement.
* Developed distributed applications using WCF, Web Services and Web API (using REST architecture)
* Extensive use of SQL Profiler and Query Analysis Tools for T-SQL Query Optimization and debugging.
* Designed and Developed reports using SSRS 2008 R2, 2014, 2016.
* Experience in Object Oriented Concepts and Knowledge on Design Patterns like Model View Controller (MVC), Factory method etc.
* Used Razor View Engine and HTML helper class Controls with MVC
* Identifying the challenges for hosting applications in windows Azure (PaaS) and suggesting the possible changes required in applications to use Azure capabilities.
* Worked on development modules using Web API and Angular JS.
* Wrote Data Access Layer Methods (ADO.NET), T-SQL Queries, Store Procedures, and SQL User Defined functions for fetching Transaction details, Customer Details, and Product Configuration data.
* Generated Sub-Reports, drill down reports, Drill through reports and Parameterized reports and involved in NUnit testing.

**Environment:** ASP.NET MVC, C#, LINQ, SQL Server 2008 R2, SSRS, AJAX, JQuery, JSON, T-SQL, XML, SSIS, NHibernate (ORM), Prism Framework, SAAS, Internet Information Server 7.0(IIS), MS Visual Studio 2005/2010, GIT, Web API.

## GTIL, India (MAYO CLINIC - ROCHESTER, MN) Duration: June 2016 – May 2017

**Role: .NET DEVELOPER**

**Responsibilities:**

* Involved in Design and Code Construction with OOPs Implementation.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Leading the developer team for the new application development in Visual C#, ASP.NET 3.5 / Microsoft Enterprise Patterns and Practices Framework/ SQL Database, LINQ, WCF.
* Responsible for Database design, and creating of Stored Procedures, triggers to perform the Data retrieval from multiple tables using SQL Database.
* Developed web pages using Asp.Net, JavaScript for Client-Side Validation.
* Developed GUI using MS Visual Studio, ASP.NET Web Forms with Ajaxcontrols.
* Worked with GIT, CVS, SVN and Clear case for version control.
* Deployed applications into test and production environments by using web server (IIS).
* Implemented Core Business logic and Error Handling
* Used ADO.NET objects such as Data Reader, Dataset and Data Adapter, for Consistent access to SQL data source.
* Effectively used jQuery, a concise JavaScript Library for traversing HTML document, event handling and AJAX interactions.
* Extensively used ASP.NET Grid View, Repeater, Details View, Tree View, Data List and Repeater controls for displaying the data in a clear format.
* Implemented automated CI/CD pipeline in **Azure DevOps.**
* Worked with ASP.NET Web Forms, State Management, caching features, configuring optimizations and securing the web application.
* Created AWS EC2 different Instance and selecting Operating System, SQL Server, and Required memory allocation for first time configuration on AWS.
* Hosted WCF service in the Respective remote AWS VM servers.
* Developed Unit Test Scenarios and tested Test Scenarios in Web methods using N-Unit.

**Environment:** ASP.NET, C#, ADO.NET, Visual Studio 2010, .NET, Agile Model, AWS, TFS, LINQ, Web Services, SOAP, Silverlight, JavaScript, Ajax, HTML, XML, SQL Server2005, MS-Access 2000, SQL server reporting Service, N-Unit.

## GTIL, India (American National insurance) Duration: Dec 2015 – May 2016

**Role: Web/.Net/SQL Server Developer**

**Responsibilities:**

* Involved in full lifecycle of the project from design, development & Testing, co-ordinate with other designers and programmers to develop web projects.
* Developed application using .NET framework 2.0, Object Oriented Concepts (C#) and n-tier Architecture.
* Designed and developed RESTful style web services to manipulate dynamic datasets using AJAX calls in ecommerce application.
* Worked with e-commerce databases to develop shopping cart manager.
* All User Interface layers Web Pages are created and integrated to maintain the performance of data flow and data integrity using Web Api, JSON, HTML, CSS, React.JS, Bootstrap and Visual Studio.
* Developed web-based UI for Client search WCF Client.
* Developed SSIS packed to load data from .txt file to SQL Server
* Responsive web design-oriented implementation-using Bootstrap, CSS to support desktop and tablet-based devices.
* Developed and used Restful Web services.
* Created the database tables using the code first approach in entity framework.
* Involved in unit testing with preparing System Test Cases, Documentation, Debugging, and bug fixing.

**Environment:**  NET, C#, Entity Framework core, ASP.NET MVC, React.JS, JSON SQL Server, SSIS, SSRS, VB.NET, MS-Visual Studio, IIS, HTML, CSS, Bootstrap.