**Rakesh**

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**PROFESSIONAL SUMMARY:**

* 13+ years of experience as a .Net Developer
* Knowledge of design principles, secure coding techniques and design patterns like FACTORY, BUILDER, etc.
* Worked Experience in designing, developing, and testing n - Tier Client/Server Web-based Applications using Microsoft .NET Framework and SQL Server with Agile and Waterfall Development Methodology.
* Good in an Agile Environment using Scrum methodology (participated in backlog item sizing and prioritization, iteration/sprint planning, daily stand-ups, Sprint retrospectives, etc.).
* Expertise in Object Oriented Programming (OOPS) concepts in C#: Abstraction, Encapsulation, Inheritance, and Polymorphism.
* Good experience on DevOps essential tools like Docker, Kubernetes, GIT, Jenkins,
* Good at Angular JS 2.0/4.0/5.0 implementation on the client side.
* Transforming client requirements into technical specifications, Modeling and developing an application using VB.NET, ASP.NET, WCF, EF, WEB API, MVC, MVVM, SQL Server, and WPF.
* Proficient in using.NET based frameworks in a distributed architecture and utilizing the framework to create service-oriented applications (SOA).
* Experience in creating Tables, Stored Procedures, Prepared Statements, Triggers, Cursors, Functions, Views, Indexes and Joins using SQL Server 2008/2012/2014/2016.
* Extensively used HTML5, CSS3, JavaScript, JQuery, Typescript, Telerik Kendo UI Controls, Bootstrap, and AngularJS to create Single Page Applications (SPA).
* Used Chrome developer tools for Client-side debugging.
* Implemented AngularJS MVC Framework on the client side and worked with features HTTP Service to make AJAX calls, Route Providers, Filters, Factories and Controllers, Models, Views to manipulate DOM.
* Expertise using MVC 5 design pattern created Models, Views, Controllers, View Models, Partial Views, Action Filters, Validations, Data Annotation, Custom Model Binder and Routing using Razor view with HTML helpers and AJAX helpers.
* Experience in hosting .NET applications on IIS 5.0 / 6.0 / 7.0 and Good working knowledge of DHTML, HTML, CSS, XML, XAML.
* Expertise in .NET technologies (NET Framework - 1.1, 2.0, 3.5,4.5) including ASP.NET, C#, VB.NET, Win Forms, ADO.NET, MVC, WCF, XML, LINQ, Web Services & AJAX, Entity Framework 6.1, Angular JS 1.5, K2 black pearl (4.6.5, 4.6.11), Microsoft Azure
* Experience with messaging systems like Kafka, Kafka event sourcing.
* Extensive experience in Building web applications using Kendo UI widgets, JQuery, Angular 4.0/2.0/JS.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Experience in data migrating (using tools like DTS, BULK\_INSERT, and BCP) between different systems and SQL Server as a part of Data Migration and Data Maintenance using SQL 2000
* Expertise in designing and developing Windows based applications, Web based applications and Responsive web applications with MVC, ASP.NET, C #.NET, VB.NET, Java Script, jQuery, Bootstrap, Angular JS, React JS and CSS.
* Implemented Dependency Injection using Unity Container.
* Worked extensively with ADO.NET objects such as Data Adapter, Dataset, and Data Reader to interact with databases like SQL Server 2016/2014/2012/2008 implement secure middle-tier components consumed by web applications and windows applications utilizing SQL Server and stored procedures to perform logical business transactions. And also developed SQL Scripting for SQL commands.
* Working experience in Azure App & Cloud Services, PaaS, PolyBase, Azure Data Factory, Azure SQL Data Warehouse, Power BI, Azure Blob Storage, Web API, PowerShell, VM creation, ARM Templates, Power Shell scripts, IaaS, Lift & Shift, storage, network, and database.
* Experience using ORM framework like Entity Framework (Code First, Database First, Model First approaches) to map DB entities to domain objects.
* Experience working with Microsoft Azure Cloud based IAAS, PAAS and SAAS
* Experience implementing SAML2 SSO & familiar with OAuth and OpenID Connect for SSO
* Knowledge of WCAG (Web Content Accessibility Guidelines) 2.0 guidelines.
* Excellent analytical skills for understanding and gathering the requirements, business rules/processes and detailed design of the application, analyzing Gliffy Diagrams, ER Diagrams, and Data Flow Diagrams.
* Experience in generating Custom Reports and different types of Tabular, Matrix and distributed reports in multiple formats using Crystal Reports and SQL Server Reporting Services (SSRS).
* Highly experienced with modern JavaScript frameworks libraries like AngularJS, Node JS, JQuery, Gulp, and JSON.
* Proficient in object modeling, use cases, activity diagrams and class diagrams using UML.
* Experience in working with WCF Services, Restful web services, XML, XHTML Web Services using SOAP and WSDL following SOA in a distributed environment.
* Good knowledge on Microservices , AWS (Amazon Web Services) , working with EC2, RDS, Dynamo DB, S3, Cloud watch and Docker.
* Worked on Microsoft Dynamics CRM 2014 to manage the customer relationship in the industry.
* Knowledge in C# Open Source Managed Operating System (Cosmos) to build the operating system.
* Used WPF 4.5 built-in set of data services to bind and manipulate data within the web-application.
* Experience Creating Restful web services using Web API 2.0.
* Experience working in SQL Server Integration Services (SSIS) packages to extract, transform and load (ETL) data from different databases.
* Experience in deployment using IIS Application Servers.
* Worked on Globally Unique Identifier (GUID), to get unique identifier and change them to names.
* Implemented TDD (Test driven development) using XUNIT framework, implemented unit testing of MOCK objects using MOQ.
* Knowledge on e-Commerce with CMS to get the application on the web with required design.
* Used Postman, Fiddler to test APIs.
* Good knowledge on JIRA and BitBucket to get the applications worked.
* Prepared Technical design document, Use Cases, Test Cases and User manuals for various projects and good at Bug fixing, Code reviews, and Unit & System testing.
* Experience in working with version control tools like Team Foundation Server-TFS, VSS, Subversion (SVN), and GIT.
* Experience in Continuous Integration using Team City, Octopus deploy.
* Good at ITIL standards and practices, used in banking domain.
* Knowledge of building, deploying, and managing applications using Microsoft Azure, deployment using software containers like Docker.
* Quick learner, excellent communication skills, adaptable to ever changing priorities, exceptional problem-solving and troubleshooting capabilities.

**TECHNICAL SKILLS:**

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| --- | --- |
| C#, VB.NET, AngularJS 2.0/4.0/5.0, Node JS, HTML, CSS, Bootstrap, XML, XML Schemas. | **Programming languages** |
| ASP.NET Core, ASP.net 4.6/4.5/4.0/3.0, ADO.NET, WPF, Entity Framework. | **.NET Technologies** |
| ASP.NET, MVC 5/6, Web API, AJAX, XML, Web Services, WCF, ASP 3.0/2.0, Active X, WSDL, UDDI. | **Web Technologies** |
| REST, SOAP, WSDL, XML. | **Web Services** |
| HTML5, CSS3, XML, XHTML, XSLT, JavaScript, VBScript. | **Markup/Scripting Languages** |
| Visual Studio.Net 2008/2010/2012/2013/2015/2017. | **RAD/IDE** |
| MS SQL server 2008/2012/2014/2016, MS-Access, MySQL. | **Database Development** |
| SQL Management Studio, Query Analyzer, Export & Import (DTS). | **SQL Server Tools** |
| JavaScript, jQuery, TypeScript. | **Scripting Languages** |
| SQL Server Reporting Services (SSRS 2008), Crystal Reports (2011 (14.0.x), 2013 (14.1.x)), SQL Server Management Studio (SSMS), Crystal Reports. | **Reporting Tools** |
| TFS, GIT, VSS. | **Source Repositories** |

**PROFESSIONAL EXPERIENCE:**

**Client: Nike, Beaverton, OR Jan 2020 – Till Date**

**Role: Senior .Net Full Stack Developer**

**Responsibilities:**

* Implemented the project according to the Software Development Life Cycle (SDLC) and programming by using fast paced agile methodology, involving task completion, user stories, and iterations.
* Designed and deployed server-side application using ASP.NET Core, C#, Entity Framework.
* Used top design patterns, Sync Await, Dependency Injection, and Layered Architecture for building the application.
* Worked with Angular 9.0 routing, lazy loading, services, components, directives, pipes, interceptors, http and reactive forms to develop the client-side application.
* Used LINQ to SQL to create queries to fetch data from DB from Controllers.
* Written aggressive unit test cases for the code at least to cover 90%.
* Utilized Test-driven development (TDD) technique to drive the design of software and force decoupling of dependencies.
* Implemented SSO Service to create teh SAML Assertion for exchanging autantication data between Service Provider and Identity Provider
* Designed database tables based on SAML 2.0 schema required to manage to Single Sign On(SSO)
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform). Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Manage various AWS/AZURE environment for provisioning of Linux servers and services implemented by the providers.
* Created a virtual Network on Windows Azure to connect all servers and applications on this platform
* Worked on configuring IIS, which includes creating websites under sites, Handler Mappings, Application pool, Http Bindings, and configured Application Request Routing (ARR).
* Setting up AngularJS framework for UI development. Developed html views with HTML, CSS, JQuery, JSON, and Java Script.
* Used Nunit & Fake It Easy for backend test cases and Jasmine & Fake It Easy for AngularJS test cases.
* Migrated a basic application from Angular 1.5 to Angular 2.0.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP
* Development for WCF, SSIS, ASP.Net, C#, SQL Server
* Used Azure Active Directory B2C (Business to Consumer) service for authentication to authenticate consumer identity services like Confidential, Confidential and Confidential.
* Developed system services SOA application platform for use by all web applications utilizing WCF services and the ASP.NET provider model.
* Created Data Access Layer, BLL Business Logic Layer, Presentation Layer Classes using C# and .Net 5.0 for web pages.
* Designed, developed and migrated SSIS 2008 to SSIS 2012 packages.
* Developed SSIS packages and scheduled jobs running SSIS packages using SQL Server to perform several scheduled tasks and workflows.
* Unit Testing of Angular Projects as well as SSIS Projeccts
* Involved in complete application stack in Amazon Web Services (AWS) like EC2, S3 Bucket.
* Responsible for maintaining and expanding AWS (Cloud Services) S3 infrastructure using AWS (SNS, SQS).
* Developed Custom controls and User controls for reusable part of the web pages using C# with ASP.NET.
* Involving in implementation of Unit Testing using NUnit.
* Introduced and implemented Agile Methodologies such as Scrum, Extreme Programming (XP) and Test-Driven-Development (TDD).
* Extensive experience of Rational Unified Process (RUP), UML, XML, SQL and Stored Procedures.
* Performed all unit testing, debugging and post-release support using Xamarin Test Cloud with different iOS/Android OS versions and devices.
* Created and Maintained Web Content and Email Templates relating to AWS.
* Implemented abstract, sealed classes, interfaces and classes to construct the business and data tier using C# and Entity Framework.
* Developed the architecture with Model View Controller design pattern. Overridden default controller behaviors and implemented custom action methods.
* Implemented HTML Helper MVC Web Grid using Kendo UI for boosting the pagination performance and loaded the graphical data with JSON. Also supporting custom searching along with sorting the data with partial views.
* Created WCF Service to retrieve and send information from client side without Post Back and consuming existing Web Services using SOAP, HTTP and WSDL.
* Performed automation engineer tasks and implemented the ELK stack (Elasticsearch, Fluentd, and Kibana) for AWS EC2 hosts.
* Designed and developed REST Micro services using SpringBoot for synchronous processing various JSON requests and message consumer using Camel API for asynchronous processing the payloads from Apache Kafka and ZooKeeper.
* Implemented Restful services HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Worked on .NET Security features such as Authentication & Authorization, Forms-based Authentication, Authorizing Users, Roles and User Account Impersonation, tracing.
* Written SQL Scripts, for creating database tables with foreign key relations in SQL Server 2018 using T-SQL.
* Designed and developed several SQL Server Stored Procedures, User defined Functions, Triggers and Views for all the DML functionality of the application.
* Used GIT & Team Foundation Server for source control, data collection, reporting and project tracking.
* Using TFS Spring Templates and Maintained all the User Stories and Tasks in TFS.

**Environment:** .NET Framework 5.0, ASP.NET Core, Visual Studio 2019, MVC 5.0, C# 8.0, Entity Framework 3.0, AJAX, JSON, XML, XSLT, AngularJS, Angular 9.0, VB.Net, Kendo UI, HTML5, CSS3, Bootstrap, SQL Server 2018, T-SQL, TDD, GIT, TFS, IIS.

**Client: CVS Healthcare, Providence, RISep 2018–Dec 2019**

**Role: .Net Full stack Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Involved in the re-design and architecture of Designee Management System application using client technologies like Angular 4/5 .
* Working on a .Net application with C#, Angular, LINQ, Web-API and PostgreSQL
* Involved in development of forms for Application Process and Selection process in Angular 4/5
* Designed server-side applications using MVC and Web form in web application framework.
* Created and deployed Windows Communication Foundation (WCF) using ASP.net and C#, used them to generate the proxy class files based on the web services and consumed in web application.
* Design patterns, Sync Await, Dependency Injection, and Layered Arq.
* Worked with Angular 2 routing, Lazy loading and React (JSX) Forms to develop the client side application.
* Involved in writing JUnit Test cases for unit testing.
* Used Spring IOC for dependency injection and developed controllers for handling Http requests and providing Http response.
* Using Service Bus Queues for communication in multi-tier Azure application
* Worked with Kafka Cluster using ZooKeeper . Developed Applications using Rule Engines-Jboss Drools 4.x,Work flows, Human tasks to implement Business rules validations.
* Implement Single Sign On using SAML2 for Integreat HR (Paperless Onboarding) & Conexis COBRA
* Managed Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files and Managed releases of Helm packages.
* Created shell script batch job to load the fresh data using ETL workflow.
* Utilized Test-driven development (TDD) technique to drive the design of software and force decoupling of dependencies.
* Developed system services SOA application platform for use by all web applications utilizing WCF services and the ASP.NET provider model.
* Created Data Access Layer, BLL Business Logic Layer, Presentation Layer Classes using C# and .Net 4.0 for web pages.
* UsedMicroservice architecture, based services interacting through a combination ofRESTand leveragingAWSto build, test and deploy Identity Microservices.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
* Responsible for maintaining and expanding AWS (Cloud Services) S3 infrastructure using AWS (SNS, SQS).
* Developed Custom controls and User controls for reusable part of the web pages using C# with ASP.NET.
* Achieved Dependency injection by creating spring services, spring controllers and DAOs to wire objects of business classes.
* Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Involving in implementation of Unit Testing using JUnit.
* Prototyped new features and ideas - Google Drive Drawing, Photoshop, HTML, XML, Sass, and React.js.
* Used AJAX controls to retrieve the data from the server without interfering the display and behavior of existing page.
* Worked on WEB API manipulation for companies intranet sites based on SDL Tridion.
* Used jQuery as it is a lightweight JavaScript library that emphasizes interaction between JavaScript and HTML.
* Used MVVM to decouple Xamarin code from the main code to make it pliable for the Unit Testing.
* Used jQuery and Prototype to meet AJAX and DOM scripting needs.
* Involved in coding and designing using C#, XML, ADO.NET, WCF, JavaScript, React JS, Underscore JS, JQuery, HTML, and Cascading Style Sheets (CSS).
* Implemented the project according to the Software Development Life Cycle (SDLC) and programming by using fast paced agile methodology, involving task completion, user stories, and iterations.
* Designed and developed rich and enhanced web pages using MVC 4.0, C#, Entity Framework, JSON, HTML 5, CSS 3 and JQuery.
* Introduced and implemented Agile Methodologies such as Scrum, Extreme Programming (XP) and Test Driven Development (TDD).
* Working on Rational Unified Process (RUP), UML, XML, HTML, SQL and Stored Procedures.
* Performed all unit testing, debugging and post-release support using Xamarin Test Cloud with different iOS/Android OS versions and devices.
* Developed React JS/ .NET web application using JavaScript, ASP.NET MVC 5, C#,   
  Visual Studio.
* Designed and developed business components using Spring Boot, Spring Dependency Injection (Core), Spring AOP and Spring Annotations.
* Implemented abstract, sealed classes, interfaces and classes to construct the business and data tier using C# and Entity Framework.
* Created WCF Service to retrieve and send information from client side without Post Back and consuming existing Web Services using SOAP, HTTP and WSDL.
* Implemented Restful services HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Worked on .NET Security features such as Authentication & Authorization, Forms-based Authentication, Authorizing Users, Roles and User Account Impersonation, tracing.
* Used SSRS for developing reports for analyzing the inflow and outflow of different documents, tickets.
* Used Bootstrap CSS model adaptability framework for styling the application.
* Written SQL Scripts, for creating database tables with foreign key relationsin SQL Server 2008/2012 using T-SQL.
* Used Core Spring for dependency injection of various component beans.
* Designed and developed several SQL Server Stored Procedures, User defined Functions, Triggers and Views for all the DML functionality of the application.

**Environment:** NET Framework 4.0, Visual Studio 2010, MVC 4.0, DTS Packages, DBMS, C# 4.0, Entity Framework, AJAX, JQuery, JSON, XML, XSLT, JavaScript, SQL Server 2008, VB.Net, Restful, TDD, SQL Server 2012, LINQ, T-SQL, TFS, IIS, HTML 5, CSS 3, React

**Client: Charles Schwab Corporation, Austin, TX Aug 2017–Jul 2018**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Implemented AGILE development methodology and provided estimates, and participated in Weekly grooming meetings, daily & weekly status report to the client on progress of the tasks.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform) . Utilized Kubernetes and Docker for the runtime environment of the CI / CD system to build, test deploy.
* Also, used Azure for Scaling and checking the reliability of the applications which were developed during the project.
* Experience on Deployment Automation & Containerization (Docker, Kubernetes).
* Changing the AWS infrastructure Elastic Beanstalk to Docker with kubernet
* Collaborating with designer to create views for a responsive App and maintaining current code.
* Used Entity framework CODE FIRST to improve the overall performance of the application.
* Designed and developed MVC architecture with WCF binding concepts for making data binding for end points.
* Designed the Views, Layout pages, and Partial views using ASP.NET MVC, AngularJS 2.0/4.0/5.0,JQuery, AJAX, HTML5, CSS3 and BOOTSTRAP.
* Experience in building SPA's using Angular framework , very good experience in developing Angular 4+
* Leading the team in the designs and implementations of the new Hosted Payment Page.
* Working as Module Lead for manufacturing service layer (MSL) component.
* Used spring for cross cutting concerns and IOC for dependency injection.
* Created stored procedures, views, triggers, user defined functions to incorporate the flow of business and automated stored procedures.
* Data migration using ETL Tools in DTS.
* Written several packages using SSIS 2008 for data migration and ETL process.
* Set up and configuration of various instruments on AWS direct connect to create DEV/IT, UAT and Production environment for short-term internal projects.
* Experience writing and deploying AWS Lambda Functions.
* involved in complete application stack inAmazon Web Services (AWS)like EC2, S3 Bucket.
* Design, manage, and maintain tools to automate operational processes. Pick the right AWS services for the application.
* Leveraged AngularJS 2.0/4.0/5.0 resources for all data access, encapsulating URLs and standardizing data access interfaces. Created custom directives for re-usable components (multi-filed form elements, background file uploads, etc.).
* Tested the application as per the test cases and business logic using unit test and fixed the bugs.
* Implemented AngularJS 2.0/4.0/5.0 Controllers to maintain each view data.
* Implemented Angular Service calls using Angular Factory.
* Involved in application development using C#, SQL Database, LINQ, WCF, Entity Framework and Web API 2.0.
* Implemented data access using ADO.NET Entity Framework to store and retrieve new user information for further use.
* Use dependency injection-heavy classes to assist with comprehensive unit testing
* Written complex stored procedures and functions using PL/SQL for implementing backend logic for generating client notices.
* Worked in an Agile environment (scrum methodology) and participated in all stages of SDLC. Worked on all aspects and layers of the application. Developed front end using Javascript, JQuery, Angular, Bootstrap, CSS, MVC 5. Created WCF services and Class libraries to implement business logic NHibernate 3.2 used as ORM. Developed unit tests using NSubstitute, MSTest, Autofac. Performed BDD test development using Gherkin syntax, Specflow, Selenium Webdriver API. Implemented section 508 requirements.
* Developed Responsive Web pages that are rich in user interactive using ReactJS, HTML5, and CSS3, JavaScript, jQuery Bootstrap.
* Performed Performance testing for the application before go-live and fixed some performance issues.
* Developed and implemented the multi-threaded Web forms, Winforms GUI design by using .NET framework, Visual Studio 2017.
* Wrote application using Web API to talk to external applications and involved in writing small ASP.NET Web Forms application with VB.NET as programming language.
* Used Spring Core for concept Inversion of control (IOC) implemented using Dependency Injection.
* Implemented several services connecting to a WPF client to perform Read operations against SQL Server backend.
* Used Authentication when we recall the previous quote using email address and password.
* Implemented Server and Client-side validations using ASP. Validation controls, J-Query.
* Created and consumed ASP.NET Web services and implemented Restful Web API/WCF services for service layer and created Action filters and Exception filters to implement REST services.
* Developed n-tier Architecture and distributed .NET applications using Web Forms, Win Forms.
* Participated in various Client meetings with the team and the Project manager to discuss improvements /amendments in the development of the section.
* Developed components using Spring Framework (Spring MVC, Core, dependency injection, Bean, spring security, and Spring AOP, Spring Boot, Aspects, Dependency Injection).
* Used Unit framework for unit testing (MSUnit and NUnit) the application.
* Used React-Router to turn application into Single Page Applications.
* Worked on using React JS components, Forms, Events, Keys.
* Provide production support for the applications developed after deployment Review code written by other developers.
* Created unit and integration tests using substitution and Unity (IoC/ dependency injection)
* Respond to production issues and modify code (frontend and backend) to provide quick resolution writing unit tests using NUnit and Visual Studio 2017.
* Performed Integration Testing, Load Testing, and Unit Testing using Visual Studio testing tools.

**Environment:** C#, ASP.NET, ADO.NET, Win form, Restful, MVC5, VB.NET, ReactJS, WCF, Web API 2.0, .NET Framework 4.5.2, NUnit, HTML, HTML5, CSS3, AJAX, CSS, Angular 2/4/5, SQL Server 2016, Entity Framework, Visual studio 2017, JavaScript, JQuery, N SERVICE BUS, MS SQL Server, TFS 2017, GIT.

**Client: Alight solution Lincolnshire, ILDec 2015 – Jul 2017**

**Role: .Net Developer**

**Responsibilities:**

* Involved in Daily Scrum (Agile) meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Designed the dynamic and web compatible pages using the HTML5, CSS3, Gulp, Node JS, JSON, JavaScript, AngularJS 2.0, Bootstrap.
* Worked on UI to make the updates for all the state-specific and generic application types present in the project using VB.NET, ASP.NET MVC 5.0, HTML 5 and CSS 3.
* Worked on Angular Concepts using Structural directives, Event binding, Property binding and Dependency Injection.
* Used OOPS (Object Oriented Programming) concepts in developing classes. Concepts and SOLID principles with C #6.0 languages to implement business logic and code behind view models.
* Used Entity Framework Code First approach to implement data access layer, used LINQ to Entities to write Lambda Expressions for data sorting, filtering and projection in various dimensions.
* Created the Controllers and Controller Actions, Filters, Routing, Custom Action Filters using ASP.NET MVC.
* Implemented both MVC architecture and Entity Framework to create automated view models and entity classes.
* Developed Data Access Layer to communicate with SQL Server 2014 using Entity Framework Code First approach and queries being written using LINQ to Entities, worked with performance tuning of Entity Framework too.
* Leveraged AngularJS 2.0 resources i.e. AngularJS controllers, components, factory, directives and services, routings and events etc. for all data access, encapsulating URLs and standardizing data access interfaces.
* Used Microsoft Excel sheet for the quick import of all the various Application data into the AUS database using C# 6.0.
* Responsible for AngularJs as a development framework to build a single-page application.
* Developed AngularJs factories for the services and consumed the services in the controllers.
* Worked on unit testing frameworks like jasmine with karma and end2end testing framework protractor.
* Developed WEB API 2.0 Services to capture important life insurance policy application data from clients to provide an interactive approval process for underwriters.
* Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Worked on OData to access the data by HTTP in the API.
* Worked on Sales, Service and marketing Modules Microsoft Dynamics CRM 2014.
* Worked on Automation of Test cases using XUNIT for unit testing of existing modules.
* Used WPF 4.5 built-in set of data services to bind and manipulate data within the web-application.
* Design and implement asynchronous processes for delivery XML, XHTML files (invoices) to Tax Authority. These processes were connected using Microsoft Azure Queues to communicate each other.
* Refactoring and maintenance the web application on Microsoft Azure, upgrading modules and framework versions (.NET and Azure SDK).
* Created WCF restful service to expose to other applications in state project.
* Used TPL (Task Parallel Library) forscheduling of threads on Thread Pool and state management and also worked on Azure Data Factory (ADF).
* Implemented Dependency Injection on components and services for better code reusability.
* Used TFS 2013 for Version Control and Dimensions for deployment of code to SIT and UAT test servers using Octopus.
* Developed Junit test cases to validate the REST services.
* Worked on Electronic Data Interchange (EDI) to get the data from the other location based on X12 standards.
* Looking into the codes of financial series in EDI-like 822, 821, 828, 829, etc.
* Implementation of Custom reports by pulling data from various sources and presenting in SQL Server Reporting Services (SSRS).
* Written & optimized T-SQL statements, Views, User Defined Functions, Stored procedures with SQL Server database.
* Provided expertise on Web Content Accessibility Guidelines (WCAG) 2.0 compliance.

**Environment:** .Net 4.5.1, MS Visual Studio 2017, Restful, VB.Net, ReactJS, ASP.Net MVC 5, C# 6.0, Web API 2.0, SQL, AJAX, Node JS, HTML5, CSS3, AngularJS 2.0, JQuery, Java Script, Entity Framework 6.0, Azure, SQL Server 2014, TFS, GIT.

**Client: MTA (Metropolitan Transportation Authority), NYC, NY Sep 2013 – Nov 2015**

**Role: .Net Developer**

**Responsibilities:**

* Designed and developed web applications in ASP.NET, C# utilizing.Net Framework 4.0/4.5.
* Extensively used Typescript, JQuery, CSS, Bootstrap, Bootbox.js, JSON, Node JS and AJAX for Client-side scripting and styling.
* Implemented custom controls in ASP.Net and C#.Net and VB.Net using Visual Studio 2010.
* Used bootbox.js for dialog boxes without changing the required Document Object Model, using Bootstrap.
* Developed SOAP and Restful WCF 3.5 services in C#.NET. Used ASP.NET Validation controls and JavaScript for validating user inputs.
* Implemented JUnit test cases for unit testing and Suites for end to end testing
* Using the multi-tier architecture implemented dependency injection from the business tier to the controller.
* Designed and developed client's website screens and front-end widgets using React.js.
* Built the internal tool and maintained with React JS along with Flux and Redux.
* Implemented the Business Layer for the application in C# using Database Authentication.
* Involved in gathering the requirements, analysis, design &development of the project.
* Participated in the maintenance phase of the project.
* Processed JSON response data by consuming RESTful web services and used Angular filter for implementing search results.
* Used OOPS (Object Oriented Programming) concepts in developing classes. Designed, developed and enhanced the application using .NET Framework 4.0 and Visual Studio 2012.
* Using C# and based on NLOG framework built a centralized log system which can integrate with Service Now Event Management.
* Developed web pages with data-bound controls like Data Grid, Data List and Data Repeater using the methods Data Binding and Data Templating.
* Modified Web Services to interact with the other applications and exposed them using SOAP and HTTP.
* Upgraded the reports in Microsoft Dynamics CRM 2011 to execute efficiently and correctly.
* Good knowledge and experience with Win Forms, Web Forms, LINQ, CSS, AJAX, IIS, JavaScript, UI design, and development, consuming and manipulating data using ADO.NET and the database Microsoft Azure.
* Used MVC to create various views of the Web Pages and different action methods in the controllers.
* Experienced with UNIX Shell Scripting.
* Extensively used Angular JS, Knockout JS for DOM traversing and manipulation
* Developing ASP.Net / VB / C# code pages for the Branch Audit Support system modules.
* Developed many SQL queries to fetch data as per the business requirements with proper tuning techniques.
* Implement the use of Web Sphere MQ in support of the IBM.COM website as well as other IBM customers.
* Developed desktop application using.NET (using Microsoft reactive extension libraries).
* Configure Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing.
* Applied Dependency Injection Design Pattern and Repository Design Pattern in project
* Worked on large and complex databases in SQL Server 2012, and saving the files to SQL Scripting.
* Developed the Classes, Objects, Dataset Classes, and Methods depending upon the business requirements.
* Analysis of ETL mappings based on source to target tables for directs moves and indirect moves based on transformation rules & lookup tables.
* Worked on Unit testing, Integration testing.
* Prepared technical specifications for the development of Informatica (ETL) process to load data into various target tables.
* Used Umbraco CMS to support multiple users working in a collaborative environment.
* Data Grid, Data Set, Data Table, Data View, Data Adapter and Data Reader were extensively used to receive and display data obtained from the database.
* Tested the functionality of the web application using Jasmine and Karma to perform Unit testing.
* Used JIRA to track the bugs and project management functions.
* Worked on switching Globally Unique Identifier (GUID) to names.
* Build and followed by ITIL standards to get the proper usage of the system.

**Environment:** .NET Framework 4.5, MS Dynamic 2011 Visual Studio 2012, Restful, ASP.NET, MVC4, SQL, HTML5, JavaScript, Knockout JS, Bootstrap, CSS, jQuery, UI, C#, VB.NET, WPF, ReactJS, Win Forms, WCF, IIS 6, Agile Methodology, AJAX, WPF, SQL Server 2012, Azure, N Unit Testing, CMS, SSRS, JIRA, TFS, Angular JS, Entity Framework.

**Panasonic, San Jose, CA Jan 2010 to Jul 2013**

**Role: Backend Developer**

**Responsibilities:**

* Worked in close quarters with clients to gather the requirements. The requirements were dynamic i.e. changing from time to time rite from search queries of the customer till the customer representative notes and in Rating module, the logic and schema of the business layer had to be changed and updated frequently.
* Interacted with business analysts in gathering the requirements for the application and through managed file transfer(MFT).
* Designed and Developed the Application using ASP.NET.
* Used OOPS (Object Oriented Programming) concepts in developing classes. Created Web Forms using VB.NET and C#.Net and ASP.NET with Visual Studio 2012.
* Developed SQL stored procedures for data manipulation and querying data from SQL server and involved in UNIT testing.
* Worked with Web Controls, User Controls, and Custom controls.
* Used ADO.Net for database connectivity and retrieving data from SQL server.
* Used SMTP mail class of.NET for the users to send mail with suggestions, receive any alerts, receive confirmation notice etc.
* Developed custom ad-hoc reports by using SQL Server Reporting Services (SSRS) was involved in all stages of Software Development Life Cycle including Analysis, Design, Coding, System Tests, Installation, and Maintenance.
* Master Pages were used to achieve uniformity in the entire application and CSS were used for theming the pages.
* Worked with ASP.NET MVC 3.0, Partial Views, and Master Pages and developed Cascading style sheets (CSS) for
* Consistent look and feel of the website.
* New Assemblies were developed to implement various functionalities in the Business Logic using C#.NET, AJAX, Node JS.
* Created services using WCF over HTTP and TCP/IP protocols.
* Created Stored Procedures, PL/SQL statements, Functions to manipulate the databases.
* SQL queries were written using joins on multiple tables into stored procedures.
* Functions, Triggers, and Indexes were also used for achieving few database search functionalities.
* Developed Web user controls for reusing controls in multiple web pages.
* Used TFS for the project tracking and Source Control.
* Explained the developed business functionalities and objects using use-case diagrams.
* Worked on developing SSRS reports for generating different types of reports.
* Performed several unit tests and integrated tests and prepared user document related to the module.
* Created ASP.NET User Controls to reduce the complexity of User Interface (UI) design.
* Implemented Client-Side validations using XML, XHTML, JavaScript and ASP.NET 3.0 validation controls.
* Extensive use of the ADO.NET objects such as Data Grids, Data Tables, Data Readers and Datasets for data retrieval and manipulation.
* Created RESTful services with Web API and enabled CORS for services to be consumed in the front-end by Angular.
* Developed complex Stored Procedures and T-SQL queries to perform database operations in SQL Server 2008 database.
* Utilized JavaScript for Client-side validations that greatly decreased processing time and resource consumption, freeing resources for use by other applications and speeding up processing times.
* Developed several Business Classes using VB.Net.
* Worked as IIS web Server administration to manage websites, redirect request and restart IIS.
* Programmed ADO.Net for communication between application and database, used extensively Data Grid, Data Set, Data Table, Data Views, Data Adapter and Data Readers.

**Environment:** .Net Framework 2.0, Visual Studio 2012, ReactJS, SQL Server Management Studio 2008, VB.NET, ASP.NET 3.0, C#, VB.Net, ADO.NET 2.0, Web Services, Restful, MVC 3.0, T-SQL, HTML, XHTML, CSS, AJAX, Node JS, SSRS, TFS, JavaScript, MFT, XML, IIS and Veracode.

**EDUCATION:**

Bachelor’s degree in Electronics University Mumbai, Maharashtra, India Year of completion 1998