**Rakesh**

**Senior Full Stack .Net Developer
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**PROFESSIONAL SUMMARY:**

* Senior programmer analyst with 10+ years of experience in working as Full stack Web/.Net Developer and extensive experience in cross - platform application development on .NET platform.
* Specialized in web development using. Net Framework 4.5/4.0/3.5/3.0/2.0, Angular JS, Visual Studio Code, Visual Studio, **ASP.NET**, **C#**, VB.NET, WCF, JQuery, JSON, MVC 4, HTML5, Bootstrap, CSS 3, JavaScript, Google Maps API.
* Expert in Microsoft Technologies like C#, ASP.NET 5.0/4.5/4.0, MVC 5.0/4.0, Entity Framework 6.0/ 5.0/ 4.0, ADO.NET, SQL Server 2014/2012/2008 R2, WCF 4.5/4.0, Web API RESTful Services, IIS7.0/6.0.
* Extensive RDBMS experience on LINQ, ADO.Net, Oracle PL/SQL, SQL Server, Web services, Windows Services, Visual Basic 6.0 and Classic ASP 3.0.
* In-Depth understanding of the entire web related technologies, architectures, frameworks, componenttechnologies and cross-platform UI/UX development.
* Experience with Jenkins, VSTS, CircleCI, Argo CD and Harness as **CI/CD** tools to automate build and deployment.
* Extensive experience onASP.Net, MVC, Web API, AJAX methodologies and client-side programmingusing JavaScript, JSON.
* Expert in developing data layer using Entity Framework, ADO.NET, and LINQ. Strong experience in creating and consuming RESTful and SOAP Web Services.
* Strong experience in developing SQL queries, functions, stored procedures, triggers, and views. Expert in RDBMS include SQL Server 2014/2012/2008 R2 and Oracle 11g.
* Proficient in storing and exchanging data using XML and JSON formats. Experience in designing and implementing Single Page Application with Angular
* Extensive experience in developing UI screens using HTML5, CSS3, JavaScript. Strong ability in Responsive Web Design using JQuery, AJAX, Bootstrap
* Proven ability in reports development and business intelligence solution using SSRS and SSIS. Excellent experience in OOPS and Design Patterns like Singleton, Factory, etc. & UML.
* Experience in creating loosely coupled classes using Dependency Injection
* Experienced in MVC and MVVM design pattern. Strong experience in Test-driven development using MS Unit Testing and NUnit
* Knowledge of deploying and implementing Cloud solutions using Microsoft Azure. Knowledge of using Continuous Integration / Continuous Deployment (CI-CD) tools as Jenkins
* Experience in version control with Git & TFS 2015/2013/2012. Experience in bug tracking, issue tracking usingJira
* Highly Knowledgeable in latest client-side open-source frameworks such as Angular and experienced inframeworksAngular JS, JQuery.
* Experienced UI/UX designer, front-end developer using JavaScript frameworks, client-side templatedesigning, data-binding and script-based UI controls.
* Expertise in mobile web development with cross-platform responsive design and web debugging tool on browsers IE, Google Chrome and Firefox.
* Experienced reading and understanding third party code libraries and troubleshooting UI related issueson browser-based debugging tools.
* Advanced level knowledge in implementing Object Oriented Design (OOD), Service OrientedArchitecture (SOA), S.O.L.I.D Principles, Design Patterns, Dependency Injection (DI), Continuous Integrations (CI) and adhere to architecture and programming best practices.
* Proficient in Analysis, Design and Implementation of databases using SQL Server database, Oracle10g/8i, MS-Access and writing Stored Procedures, having firm understanding of relational database system with strong PL/SQL and T-SQL experience.
* Working experience in using version control tools like Visual Source Safe (VSS), Team Foundation System (TFS) and GitHub.

**TECHNICAL EXPERIENCE:**

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| --- | --- |
| **Operating Systems \ Design Pattern** | MS Windows XP/Vista/7/8 \ MVC, MVVM, Singleton, Factory, Repository\ |
| **Microsoft .NET \ Front-End** | C#, .NET Framework 4.5/4.0/3.5/3.0, \ HTML5, CSS3, JavaScript (ES6/ES5), JQuery, \ MVC 5.0/ 4.0/, ASP.NET 5.0/4.5/4.0, TypeScript, Angular2/5/8/12/14, ADO.NET, Entity Framework 6.0/5.0/4.0, \ Bootstrap, AJAX, XML, JSON \ WCF 4.5/4.0, LINQ, Web API, IIS 8.0/7.0 |
| **IDE's and Tools \ Database** | Visual Studio 2015/2013/2010 \ SQL Server / 2014/2012/2008 R2, Oracle 11g, Cosmos DB |
| **Clouding Computing**  |  Azure, Service Bus, Azure Functions, Azure Key Vault, Azure DevOps. |
| **Web Services Version Control** | SOAP, RESTful \ TFS 2015/2013/2012, GIT |
| **Programming Languages** | C, C++, VB.Net, C#.NET, XML, HTML, CSS, T-SQL, PL/SQL, Perl, PHP, Pascal,JavaScript, JSON |
| **Splunk Modules:** | Splunk, Cisco for Splunk, Windows for Splunk, |
| **Development Tools** | Visual Studio.NET 2015/2017/2019. |
| **Data Mining & Analytical Tools\Integration Servers** | SAS, R, Python, Google Analytics, Excel \ Jenkins, Docker, CI /CD |
| **Reporting Tools** | SQL Server Reporting Services, Crystal Reports, SSIS, SSMS, SSRS |

**PROFESSIONAL EXPERIENCE:**

**Client: Johson & Johnson, Raritan, NJ July 2022 –Till Date**

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

**Responsibilities:**

* Involved in all the phases of Software Development Life Cycle (SDLC) including Requirements gathering, Designing, Programming, Testing and Documentation of various projects.
* Skilled in developing cross-browser accessible interfaces using Bootstrap, JavaScript, CSS3, and Angular 14
* Used AGILE SCRUM methodology to deliver in sprints and Status Meetings, Code Review Meetings.
* Designed Angular Modules and Controllers using different directives like ngShow, ngRepeat, ngApp, ngController and many more.
* Worked in Agile Scrum methodology and delivered accepted functionality in each sprint.
* Played key role in feature implementation and enhancement, code refactoring and defect fixing.
* Developed powerful Single Page Application and dynamic responsive Web Application with Angular 14.
* Designed and developed Hybrid-Single Page Application using C# 5.0, NET Framework 4.5, ASP.NETMVC 5, and AngularJS 1.5.
* Consumed SOAP APIs from enterprise customer system and RESTful APIs provided by otherapplications in the portfolio, also created W&C RESTful APIs.
* Led the migration process to Angular 14, ensuring a smooth transition by carefully planning the update, resolving compatibility issues, and conducting thorough testing.
* Participated in UI design with Master Pages in MVC 5 and improved layout with HTML5, Bootstrap, andCSS3
* UsedAngularJS, JavaScriptto develop templates, controllers, and directives.
* UsedRequireJSJavaScript library to dynamically load ASP.NET bundles.
* Implemented a responsive User Interface using Angular 14, enhancing the user experience, and making the application accessible across multiple devices.
* UsedMath.netlibrary to implement methods and algorithms for numerical computations.
* Provided support and exposed services for implementing the UI components using Angular 14.
* Provided database connectivity usingEntity Framework6.0, LINQ, designed stored procedures andviews at the back end.
* Used Angular 14 Framework for front end development
* Contributed in data migration from Oracle DB to SQL Server using PL/SQL and T/SQL
* Experience in designing CI/CD for AKS using Azure DevOps.
* Generated data migration and transformation usingSSIS, and built reports withSSRS
* UsedOWINinterface to decouple server and application.
* UsedJSON web tokento do user authentication and secure information exchange.
* Using theNinjectforDependency Injectionto build a loosely coupled system.
* UsedDapperfor Object relational mapping (ORM).
* UsedRepositoryandFactorydesign pattern to develop reusable code.
* Designed unit testing module withNUnitto test the application performance and availability
* Heavily involved in code review, build and deployment withGIT, Jenkins.Configure Azure cloud service for endpoint deployment.
* Worked on creating Azure Blob for storing unstructured data in the cloud as blobs.
* Publishing the Application on Azure Containers Services (AKS)

**Environment: .**NET Framework 4.5, Visual Studio 2015, C# 5.0, ASP.NET 4.5, MVC 5.0, Entity Framework 6.0, Web API 2, SQL Server 2014, HTML5, CSS3, JavaScript, Angular 14, AJAX, IIS 7, LINQ, SSIS, SSRS, Git, Agile, Jenkins, NUnit, Service Bus, Azure Functions.

**Client: BNY Mellon, NYC, NY Mar 2020 – June2022**

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

**Responsibilities:**

* Architected and implemented numerous backend web services using C#.NET
* Developed controllers and action methods for user interaction logic using C# .NET.
* Development of customized client-side modules Angular 12, HTML5, CSS3, and integration of API from GraphQL.
* UsedASP.NET Forms Authentication and Role based Authorization to implement application security.
* Supporting an existing application made in ASP.Net and C#, using oracle as database. Used to find and resolve bugs, add new modules and enhancements to the existing ones and also different data fixes.
* Experienced in Angular 12 Templates, directives, Routing and navigation, Components, Services, and Data binding concepts.
* Interacting with UI Analyst and Database people for proper understanding and generating the C# code. Storage and optimization of Data in the JSON Format.
* Expanded .NET and SQL abilities developing Windows Smart Client and Microservices for client.
* Responsible for developing the presentation layer using HTML, CSS, JavaScript, AJAX and .Net server controls.
* Designed and developed UI using X HTML, CSS2,JQueryandRazor Views. Implemented form validation usingJavaScript.
* Leveraged Angular 12 for developing application using Http Client module for rest calls and used jQuery to process JSON and XML then providing them to components that are in need.
* Created Angular 12 components, implemented Interpolation, Ng For, Ng If, Router Outlet, binding the click event, Component decorator.
* Invoked WCF Service which interacts with third part services for address validation and SQE validations via NCOG.
* Implemented business logic in Web API to invoke database to retrieve data into entities.
* Extensively used LINQ and ORM tools like Entity Framework to exchange data between web applications and database objects.
* Analyzed and updated existing Angular 8 codebase to align with Angular 12 best practices and standards, ensuring the application's relevance and longevity.
* Strong in report design and implementation with SQL Server Reporting Services (SSRS) for organizing and retrieving sensitive data in a very specific format (report).
* Implemented Module in Angular 12 to group components, directives, pipes, and services that are related.
* Extensive experience in developing N-tier applications using C#, .NET Remoting, .NET Serviced Components. Developed stored procedures, functions, and views for accessing the database.
* Development of Calendar application, a tool to view daily status report using MVC and Angular.
* Invoked Restful Web API's services using JQuery AJAX. Using Angular JS for the UI design for single page application.
* Designed Frontend with in object-oriented JavaScript framework like Angular.JS and Required.JS.
* Using ADO.NET and Entity framework to communicate with the database.
* Using GIT-Hub and TFS for the purpose of version Control and source code maintenance needs.
* Effectively used JQuery and JavaScript for Client-Side Validations
* InvokedWCF REST ServicesusingJQuery AJAX
* Used SQL queries to develop Views, Functions, Triggers, and Indexes using SQL Server 2012
* Used ADO.NET Entity Framework 5 for database access, query and manipulation.
* Used Repository Pattern and Factory pattern for reusability of Data Access Logic for all modules.
* Created and maintained Continuous Integration / Continuous Development **(CI/CD)** pipelines dat kept teh baseline stable and tested.
* Generated data migration and transformation using SSIS

**Environment:** .NET Framework 4.0, Visual Studio 2010, C#, ASP.NET MVC4, SQL Server 2012, Entity Framework 4.0, XHTML, CSS2, JavaScript, Angular 12, JQuery, AJAX, JSON, SSIS, SSRS, TFS, IIS7

**Client: State of Michigan, Lansing, MI July 2018 – Feb 2020**

**Role: Full Stack .Net Developer**

**Responsibilities:**

* Involved in requirements gathering, analysis, design, and code review and development stages.
* Designed and developed an integrated n-tier web application using C#, ASP.NET 4 and ADO.NET
* Designed web UI using ASP.NET, HTML, JavaScript, CSS, Web Forms and AJAX controls.
* Used HTML5, CSS3, JavaScript, jQuery, Bootstrap3 and Angular8 for front end development.
* Used JQuery to implement user interface controls to validate client side validation.
* Extensively worked on develop T-SQL in SQL Server 2012
* Created Synchrony and Asynchrony Event Handler in designing and Building the Web ServerArchitecture.
* Customized Service using WCF, sending JSON format data packets between front-end and middle-tiercontroller.
* Involved in the complete Software Development Life Cycle (SDLC) including Analysis, Design, Implementation, Testing and Maintenance with Agile Methodology.
* Integrated Angular 8 with backend .NET services and APIs to securely retrieve and display records and results in real-time, providing critical data access for healthcare providers.
* Implemented lazy loading strategies within Angular 8 to optimize application performance and reduce initial load time, enhancing user experience in healthcare settings.
* Analyzed and updated existing Angular 8 codebase to align with Angular 12 best practices and standards, ensuring the application's relevance and longevity.
* Designed and developed Entity Framework Code-First approach with Repository-Pattern based backend and used Web API as transaction and communication technology to the client-side.
* Developed Single Page Application (SPA) using Angular 8 Framework and injected generic services using Angular 8.
* Worked on updating and maintaining existing CI/CD systems on Travis and Appveyor
* Used TypeScript and Angular to design a user-friendly and multi functionality interface.
* Developed the Single Page Application using Angular Directive, Routing, Service, Component, Pipe and Module.
* Managed the packages and libraries in Node using NPM.
* Used Angular custom Directives for reusable DOM manipulation and Services to implement Dependency Injection.
* Design, build, and maintain efficient, reusable, and reliable code.
* Created Angular8 components, implemented Interpolation, input variables, Bootstrapping, Ng For, Ng If, Router Outlet, binding the click event, Component decorator, binding to the hidden property.
* Visual Studio 2017 using with Git, SVN and TFS.
* Leveraged Angular8 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.)
* Developed ASP.NET Core Web API based on departmental requirements and specifications.
* Implemented authorization, authentication, and extensive exception handling.
* Implemented convention-based CRUD actions like GET, POST, PUT and DELETE.
* Designed and created models, components, modules, and services to apply client-side logic and dependency injection using Angular.
* Deployment of tech applications using Concourse CI platform for Continuous Integration and Continuous Delivery (CI/CD).
* Implemented LINQ Query operations like Grouping, Ordering and Filtering operations to access databases for search of routes, drivers, and packages.
* Developed various Stored Procedures for the data retrieval from the database and generated different types of reports using SQL Reporting services (SSRS).
* Implemented JWT Token based authentication to secure the ASP.NET Core Web API and provide authorization to different users.
* Deployed the application to cloud using Azure SDK in Visual Studio and for the purpose of debugging the application both locally and remotely.

**Environment:** .NET Framework 3.5, Visual Studio 2008, C#, ASP.NET, ADO.NET, JavaScript, Angular 8, HTML, JQuery, SQLServer 2008R2, Web Services.

**Client:** **Principal Financial Group, DesMoines, IA** **Mar 2016 – June2018**

**Role: Full Stack .Net Developer**

**Responsibilities:**

* Involved in different phases of SDLC including requirement analysis and architectural design phases of the project using Agile methodologies.
* Involved in iterative, test - driven and SCRUM method of Agile Methodology.
* Developed cross-browser accessible interfaces using Bootstrap, JavaScript, CSS3, and Angular 2/5.
* Worked on Visual Studio/ .NET Core Framework to implement Business Logic.
* Coded business logic and database logic using Entity Framework and Repository Pattern.
* Deployed CI/CD pipelines in Azure DevOps for tech project.
* Developed and maintained modular Angular 2 components for a robust web application
* Used Entity Framework LINQ to entity for data access.
* Worked with Angular CLI for creating, developing, serve and testing the application.
* Created TypeScript reusable components and services to consume REST API's using Component based architecture provided by Angular.
* Used Angular to build the UI components, developed filters to display different dimension of data and font size modifiers.
* Used Angular2 framework where data from backend is stored in model using http and security configurations for authentication and authorization for populated model on to UI.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 2.
* Involved in creating a new model for an Entities and write a mapping for these Entities based on UML diagrams/Design architecture.
* Designed & Developed Angular5 User Controls and used Material UI Web Forms controls.
* Developing fully functional, cross browser compatible websites on Php and Angular5 platform utilizing Agile and Scrum methodologies.
* Created RESTFUL services using Web API, built HTTP services and formatted responses using web API media type formatter to JSON.
* Designed & Developed Angular5 User Controls and used Material UI Web Forms controls.
* Responsible for implementing the token-based Authorization to the service endpoint.
* Created Email notification service endpoint and, involved in designing the email HTML templates.
* Created/Modified Stored Procedures, Triggers and Views in SQL and effectively used within the application and developed complex SQL queries.
* Developed controller and service methods using TDD (Test Driven Development) methodology and developed unit and Integration tests by using Sonar Cloud.
* Experienced in Configuration Management, setting up company Version policies, build schedule using Jira and Jenkins.
* Worked on distributed version control system/Subversion called GIT and comfortable with feature branches, rebasing, merging.

**Environment:** Visual Studio, .NET Core Framework, C# .NET, HTML5, Entity Framework, Agile, Webservices, AJAX, Windows, Angular 2/5, JavaScript, CSS, SQL Server, Bootstrap, Web API, IIS, jQuery, Jira, GitHub, Jenkins.

**Client: ZWTY Infotech – India May 2013 to Oct 2015**

**Role: .Net Developer**

**Responsibilities:**

* Designed and developed .NET applications using ASP.NET and C#.NET.
* Creating user interface using ASP.NET Web Forms and controls.
* Developed front-end UI, Business and Data Access layers using ASP.NET, C# and ADO.NET.
* Development of the application using n-tier distributed architecture.
* Used Data Grid and Repeater Controls to display data in a customized format in the web pages.
* Used ADO.NET for data access layer to communicate with the SQL Server database.
* Creating User Interface using ASP.NET, HTML, and CSS.
* Involved in Software Development Life Cycle starting from requirements gathering and performed object-oriented analysis and design using UML.
* Involved in the development of SOAP based XML Web Services like Financial account management.
* Involved in Unit testing of the application.
* Involved in deployment and postproduction support for the application.

**Environment:** C#, ASP.NET, ADO.NET, HTML, CSS, JavaScript, Web Services, .NET Framework 3.0, XML, SQL Server 2008, Visual Studio 2008.