**Sr.Net Full Stack Developer**

**Anil B**

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**Professional Summary:**

* Having 7 years of IT Professional experience as .NET developer in C# and in VB.NET, Strong .NET experience using C# and extensive expertise in working with MVC 5.0/4.0/3.0, Microsoft.Net Framework 4.0+ developing Win Forms, Web Services, Web Pages using ASP.Net, ADO.NET, Visual Studio (2015, 2013, 2010, 2008, 2005), IIS 5.0/6.0/7.0/8.0, N Service Bus, VBScript, JavaScript, Angular Angular10/8/7/6/5/4/2.0, Type Script 2.0/2.1/4 & Web API 2.0, Bootstrap 3.0, HTML and SSRS Reports. SQL Server 2012/2008/2005.
* Solid understanding of OOPS Concepts and Its Implementation Using C#.Net.
* Extensive Experience in Design and Development of Applications Using .NET And Web Technologies Like CSS, JavaScript and HTML In N-Tier Architecture.
* Extensive Experience **of building applications using** in Database Programming-Development of Database Objects Like Tables, Views, Joins, Stored Procedures, **T-SQL** Using Microsoft SQL Server.
* **Expert level abilities building applications using** building (**Web API 2.0** and **ASP.Net Core Web API**)
* Good knowledge of **.Net Core** **Microservices** Architecture.
* I have developed **Asp.Net 6 API** which is available in my git hub **https://github.com/abellm5067/ATWebAPINet6.**
* I’ve implemented JWT Authentication and Authorization. I’ve generated the database by using entity framework code first approach. I used automapper for mapping DTO and entity model. I followed SOLID principle, Implemented **Repository**, **Singleton** and **Façade** pattern. Down the road I will add more patterns.
* (**System.Security.Cryptography.SHA256**) Encrypting, storing the hashed passwords in database and Reset password by sending the mail to user email.
* Implemented **IMemoryCache** to store the token for reset password link. If the token is matched, then it will allow to update the password.
* Worked on logging mechanisms like **SeriLog ,nLog and Log4Net.**
* Implemented **custom authorize** attribute for checking the roles on every request**.**
* Implemented **CustomExceptionMiddleware** for global exception handling and logging**.**
* I’ve developed a web application in **Angular 15** with services, observables, Interfaces, lazy loading and responsive design using bootstrap. The web application is available in git hub **https://github.com/abellm5067/GI.**
* I have around 6 repositories in GitHub **https://github.com/abellm5067.**
* Extensive Experience in **Asp.Net Core MVC (**Views, Partial views, Routing, Filters, Forms Authentication, Caching**)**.
* Extensive Experience in **Asp.Net Web Forms (ASPX, ASMX, ASCX, ADO.Net and Caching)** development and supporting applications.
* Solid understanding of **Bitbucket** repository (Commit, Pull, Push, Raising PR’s, Merging PRS).
* Excellent troubleshooting skills for Angular, .NET and SQL code.
* Extensive Experience in **GIT distributed version control** repository (**Commit, Pull, Push**).
* Good understanding knowledge of **TFS centralized version control (Source control)**.
* Worked on Unity container registry for Dependency injection for WebAPI 2.0.
* Proven experience in **SSIS** creating packages. used SSIS for bulk insertion, report generation, created the steps for generation of bills and moving bills to FTP server**.**
* 7+ year experience into **Microsoft Visual Studio** and **SSMS**
* Good working experience in **VS Code.** It is flexible to build the UI applications.
* 6+ years into creating and updating the tickets using **JIRA** and **Confluence** for storing the attachments which are like project documentation, KT documentation**.**
* Proven experience **WPF** and **WinForms**.
* I have experience with **Kendo** **UI**(Telerik) and **Dev Extreme**. These two frond frameworks are useful for utilizing the existing components.
* Hands on Experience in Query Optimizations and performance tuning using **SQL Server**.
* Proven Experience in application Development using **Entity Framework**, **LINQ and PL/SQL**.
* Good working Experience in writing JavaScript for client-side validations and **jQuery** Ajax Calls in **KnockoutJs**
* Implemented Exception Handling and Authentications in The Development for The Code Reliability.
* Good Analytical, Debugging & Problem-Solving Skills.
* UI development experience with **Angular 7+, bootstrap, CSS 3+, HTML 4+, TypeScript**.
* UML diagrams to model the various components of the system and their relationships.
* Good working knowledge of **AngularJs with UI router (**which is mainly deal with state**)**.
* Good working experience with **Postman, Swagger** and **SOAP UI**
* Worked on **HIPAA** Suite configuration as well as bill generation.
* Good working experience of **Crystal reports**, **RDLC** and **SSRS** for generating reports for users.
* Worked on **AJAX** calls to get the data from API’s using content negotiation (**XML** and **JSON**)**.**
* Good working experience with **ReactJS**, **Redux, Styled Components, Functional Hooks, Axios** and **story book**.
* Good knowledge of **Blazor** and **GraphQL**.
* Good experience on **PowerShell scripts, Batch Script.**
* Capable of Quick Learning and Expertise in Working Independently or As Part of Team.
* Worked on TDD (Test Driven Development) Unit testing using (Nunit, Xunit)
* Good knowledge of **Docker** containers and **Kubernetes**.
* Certified in **Microsoft Azure AZ-900**.
* Excellent knowledge in SOA, Event Driven, DDD architectures, and implementing design patterns and

SOLID design principle to build robust and extensible applications.

* Developed API integration test automation using **specflow** BDD.
* Implemented multi-threading in one of the application.

**Awards**

* I Won two PAT on the back awards in 2 successive years.

**Certifications**

* Microsoft Certified: AZ900 – Azure Fundamentals.

**Technical Skills**

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| **.NET Technologies** | Microsoft .NET Framework (CLR, CLS, CTS), C#, VB.NET, ASP.NET, ADO.NET, Entity Framework, XML Web Services, Web API, Win Forms, Web Forms, SOAP 1.1, WSDL, Microsoft AZURE Cloud, .NET Remoting, COM/COM+ Interoperability, Nunit, MOQ, WCF, WPF, SSRS, .Net Core API, Azure Cloud Platform |
| **Web Development** | ASP.NET 1.1, ASP.NET 2.0, ASP.NET 3.0, ASP.NET 3.5, ASP.NET 4.8, .NET 4.0+, NET Core 2.1, Net Core 3.1, .Net 5, .Net 6, ASP.NET Core MVC, Razor, JavaScript, KnockoutJS, AngularJS 6, 7, 8,10, Bootstrap, SPA, CSS, XML, HTML/DHTML, AJAX, jQuery, JSON, HTML5, CSS3, Kafka, OAuth 2.0 |
| **Development Tools** | Visual Studio .NET 2005/2008/2010/2012/2014/2015, Visual Source Safe, Microsoft Visio, NuGet Package Manager, Microsoft Team Foundation Server, Git, MSMQ, SSIS, SSRS, Telerik, Dev Extreme, Dev Express, Fiddler, Postman, SOAP UI |
| **Programming Languages** | C#, ASP.NET, VB.NET, ADO.NET, ASP MVC. |
| **RDBMS** | MS-SQL Server 2008/12/14/Azure, PL/SQL, Oracle Database, multiSQL Server 2016+ |
| **Operating Systems** | Windows Vista/XP/2000/NT/98, Linux, Windows Azure,Windows Server 2016+ |

**Professional Experience**

**Solios Corp (Aug 2023- Current)**

**Role: Senior Software Engineer**

**Responsibilities**

* Worked as an Sr.Net developer using **C#, GITLAB, ASP.NET 7 MVC, Kendo UI, JQUERY, Service Now, Web API, IIS and SQL Server**.
* Created views, triggers, indexes, stored procedures and implemented cursors based on customer requirements.
* Created complex select/update/insert/delete queries in stored procedures.
* Supported for the production Bugs as well customer enhancements.
* Performance tuning and query optimization using SSMS.
* We are building framework using **Kendo UI JQuery.**
* I’ve built one small scale end to end application.
* I’ve integrated QGenda API to pull the work force data and on-call scheduling info to assign the work to pathologists.
* Design the labels, created prn files to print the labels for tubes and panels (blood samples).
* Implemented structured logging using **Serilog.**
* Used **Razor light** template engine to generate email content dynamically.

**TMD Tech Solutions INC (Mar 2023-Jul 2023)**

**Responsibilities**

* Worked as an Sr.Net developer using **C#, GIT, ASP.NET 6 Web API, Veracode, NUnit, Azure Devops, SonarQube, IIS, MOQ, EF Core, Agile , SpecFlow and Azure SQL Server**.
* Worked for vehicle insurance domain.
* We used modular pattern to send bunch of info as xml.
* Created views, triggers, indexes, stored procedures and implemented cursors based on customer requirements.
* Created complex select/update/insert/delete queries in stored procedures.
* Supported for the production Bugs as well customer enhancements.

**OSI Digital (Sep 2019-Nov 2023)**

**Role: Senior Software Engineer**

**Responsibilities**

* Worked as an Sr.Net developer using **C#, WPF, Bitbucket, JIRA, SSIS, SSRS, .Net Core 5,** **Swagger, Angular 8, Azure Cosmos DB, Azure SQL Server, Dapper, JavaScript, KockoutJs, Asp.Net MVC, ReactJs** and **redux**.
* Consuming Business central API’s into **WPF**.
* Used **Jenkins** for Build automation for Atticus project.
* Worked on Eligibility, Providers, Claims and Billing.
* Implemented Task Parallelism for pushing the files to azure file server using **.Net 6** Project and scheduled the task on daily basis.
* Worked on ReactJs, Redux and Story book to build UI components as part of CIMI3.0 Project.
* Worked on .Net 5 APIs with **Micro services** architecture in CIMI3.0 project.
* Used Identity server for SSO. We implemented OAUTH2 JWT multifactor authentication.
* Worked on **GRPC** to communicate one Microservice to another Microservice.
* Worked on react functional hooks to maintain the state as well sending data from one component to another component and push state to redux store.
* Used axios for http calls in ReactJs.
* Supported for the production Bugs as well customer enhancements.
* Performance tuning and query optimization using SSMS.
* Implemented dynamic SQL stored procedures with server-side paging and interlinked to C# using dapper ORM.
* Enterprise Application Development: Developed and maintained robust enterprise applications using [programming languages/frameworks], delivering scalable solutions to meet business requirements.
* Full Stack Development: Expertise in both front-end and back-end development, implementing features and functionalities across the entire application stack, including user interfaces, APIs, databases, and integration with external systems.
* Experience with Azure SQL Database: Proficient in working with Azure SQL Database, a fully managed relational database service provided by Microsoft Azure. Demonstrated ability to design, deploy, and manage Azure SQL Database instances for efficient data storage and retrieval.
* Performance Optimization: Proven experience in optimizing Azure SQL Database performance by implementing indexing strategies, analyzing query execution plans, and fine-tuning database configurations. Capable of identifying and resolving performance
* Worked on design patterns Repository Pattern, Factory Pattern, Singleton pattern and Façade pattern.
* Created views, triggers, indexes, stored procedures and implemented cursors based on customer requirements.
* Created complex select/update/insert/delete queries in stored procedures.
* Created **SSIS** packages for financial Excel reports.
* Created Stored procedures, Views in **PL/SQL** for reporting.
* **HIPPA** claim master configuration.
* Good knowledge on Ensemble Intersystems ,HL7 messaging and IRIS Cache.
* Batch processing of **837** files and EDI Claims Bills through the scheduled jobs.
* Created Tiff to pdf project in .Net Core 6 and scheduled on daily basis.
* Analyzing the task and giving the SLA to JIRA tickets.
* Following the agile methodology, sprints, Scrum meetings and Retrospective meetings.
* Following all the phases of software development lifecycle (SDLC).
* Assigning tickets to developers, splitting tickets and creating the tasks.
* Using C#, WPF and Cloud as the main language, the whole system is built for a huge database with millions of records.
* Developed different User controls which input the data and display the data for desktop application using WPF MVVM pattern. Worked on Model, View, and View Models.
* Generated business reports using the **SSRS** Tool to prepare and deliver various interactive and printed reports.
* With SQL reporting services combined with SQL Server, firms have a unified solution for both report design and data warehousing.
* Providing the Timesheet information to the customer.
* Migrating and running the batch process on the monthly, semi-annual and annual timelines
* Interacting Infrastructure team for server level configuration issues
* Code optimization, performance tuning and memory management.
* Used **Source tree, Git for windows** and **TFS** to pull version control.
* Worked on Kafka, that allows applications to send and receive high volumes of data in real-time.
* Created reusable **Dapper** class library.
* Hosting Applications in **IIS Server** as well as in Azure environment using **CI/CD** pipeline.
* Interacting with Azure devops developers and worked on .yml files for building and hosting the files in azure environment.
* Designing databases and ensuring their stability, reliability, and performance.
* Design, create, and implement database systems based on the end user's requirements.
* Improve application's performances using Indexes and following query tuning technics.
* Prepare documentation for database applications.
* Memory management for database systems.
* Develop database schemas, tables and dictionaries.
* Ensure the data quality and integrity in databases.
* Fix any issues related to database performance and provide corrective measures.
* Create complex functions, scripts, stored procedures and triggers to support application development.
* Develop best practices for database design and development activities.

**Environment:** C#, .NET, .Net Core, Angular 7, Angular JS, ASP.NET, JQuery, Web API, Azure CI/CD, JavaScript, HTML, Bootstrap 3, EntityFramework.6.1.3, MS SQL Server 2014/18.9, MS Visual Studio 2015/17/19/2022, VS Code,WPF, Bitbucket, JIRA, SSIS, SSRS, .Net Core 5, Swagger, Postman, Git, Cosmos DB, SQL Server, Dapper, JavaScript, KockoutJs, Dev Extreme, Asp.Net MVC, ReactJs, redux, Agile, Scrum

**TecVibes Info Systems (June2017-Aug2019)**

**Role: .Net Developer – Software Engineer**

**Responsibilities**.

* Developed the user interface using ASP.NET, MVC, C# .NET and designed UI using CSS, Angular 4, HTML, and JavaScript.
* Worked on **MVC Views, Partial views, Routing, Filters** and **Caching**.
* Worked on **IMemoryCache** to improve the performance of application.
* Worked on Entity Framework (ORM) DB first approach to render the data to the controller.
* Worked on Ado.Net to fetch the data and assign it to Datasets.
* Worked on **ascx, aspx** and **asmx** in Asp.Net Web Forms.
* Worked on **3-Tier** Architecture (DA, BO and BUI).
* Followed the coding standards (camel casing, pascal casing etc.,)
* Worked on **RDLC** reports for Billing module.
* Worked on Production support as well feature building for each customer.
* Participate in SCRUM/AGILE meetings to update the status of application development.
* Data maintenance customer interaction for EDC (Electronic Data Capture).
* Interacting with business analyst for CRF document.
* Used dev azure for bug tracker.
* Deploy the build files into IIS.
* Migrating and running the batch process on the monthly, semi-annual and annual timelines
* Integrate data storage systems and maintain code quality.
* Identify bottlenecks and address issues to ensure the best performance.
* Innovate and build high-quality software solutions leveraging the versatility of the .NET platform.
* Implement best practices and methodologies for security, quality, and development approach.
* Following the feature branching structure to avoid code management issues.
* Following the code merging the through Bitbucket pull request.
* Used the design patterns and **SOLID** principles to solve solution issues.
* Code reviews to avoid code redundancy as well Clean Code.
* Preparing reusable NuGet packages pushing it to the Azure Artifacts.
* Track the development efforts by using JIRA.
* Querying the user's data using stored procedures to improve the performance of data retrieval.
* Responsible for tuning T-SQL procedures, triggers and other database objects.
* Interact with the database using entity framework to have object-relational mapping and use LINQ to query the DB.
* Involved in all the phases of Software Development Life Cycle (SDLC) including Analysis, Design, Programming, Testing and Deployment.
* Develop the application using VS 2013 and SQL SERVER 2012 R2.
* Create the application in .NET framework 4.5 and implement logic using C# and OOPS concepts.
* Create the application UI using client-side technologies like JavaScript, jQuery, Angular 4.0, CSS3, HTML5 and AJAX.

**Environment:** .Net framework 4.6.2, TFS, Asp.Net Web Forms, Git, MS Visual Studio 2015/17, Web API, Kendo UI, Angular JS, jQuery, Ajax, Asp.Net Core MVC, Entity Framework, LINQ, SOAP UI, Dapper, Ado.Net, Web services, RDLC, MS SQL Server 2014, Agile, Scrum

**Education**

* Bachelor’s degree Jawaharlal Nehru Technological University, Kakinada. 76%