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| **Himabindu Full Stack .Net Developer**  **Nhimabindu31@gmail.com Cell No: LinkedIn:** |

# **rofessional Summary**

* With **6** years of IT experience, I am skilled in the development and maintenance of web applications using **Microsoft .NET technologies.** My expertise spans the entire technology stack, encompassing back-end, middle tier, front-end, and GUI development. I am a full-stack engineer with a broad range of experiences, including gathering end-user requirements, researching technologies, leading quality-driven development, and effectively managing projects and departments.
* Experience in software development life cycle involving Requirement analysis, Design, Development, Coding, Testing, Maintenance and Implementation of various applications based on Client Server, Web Applications and Business Solutions using **C#.NET, .NET 4.5/4.8/ CORE 3.1/ .Net 6, ADO.NET, ASP.NET, MVC, WCF, Win Forms, Web Forms, IIS, Entity Framework, LINQ, SQL Server, IIS, Azure, DOM skills and Visual Studio**.
* Possess extensive expertise in front-end technologies like **HTML5, CSS3, JavaScript, AJAX**, **JQuery**, **Infragistics UI** controls.
* Demonstrated knowledge of ORM and its related components: **Entity Framework**, **Dapper**, Language-Integrated Query (**LINQ**) to query and retrieve data from different data sources.
* Expertise with platform remediation by converting from .NET framework 4.7 to .NET 6 by understanding the dependencies and multiple targets and fixing code issues and testing with upgraded version of visual studios.
* Integrated Azure services like **Azure App Services, Azure Functions, Azure Storage, Azure Container Registry, Alerts, Application Insights,** and **Azure SQL Database** into applications, leveraging cloud-based capabilities.
* Utilized Azure Storage for file storage and Azure Service Bus for asynchronous communication.
* Experience in **ASP.NET MVC** in implementing Model, View and Controllers with State Management, Security, Action methods etc.
* Experience of developing and delivering data intensive web application with **Angular, TypeScript, Node JS and NgRX**.
* Expertise in working with **attribute routing, data sterilization, model building in WEB API and .NET Microservices** (ASP .NET CORE 3.1 / .Net 6 ).
* Executed unit tests and integration tests automation using **SpecFlow, XUnit, MOQ, NUnit,** and **Selenium** web driver to ensure code quality and functionality using BDD.
* Implemented Web API application using .NET Core 3.1/.Net 6 using C# with **Dependency Injection** and Web API controllers and methods, handled logging and error handling using **Log4Net**.
* Developed and Upgraded applications to .net core for cross platforms functionary -Docker, Kubernetes, Windows and Linux.
* Strong Experience in **RDMS** (SQL Server, Oracle, MySQL) SQL queries and backend programming. Complete understanding in **T-SQL**, PLSQL. Normalization, creation of stored procedures, functions and triggers
* Developed **Crystal Reports, SSRS Reports, SSIS** packages and Stimulsoft Reports.
* Implemented **data integrity constraints**, such as **primary** keys, **foreign** keys, and **check** constraints, to ensure data accuracy and consistency.
* Utilized **Entity Framework Core** for data access, employing **code-first and migrations**, **database-first** approaches, along with **LINQ, Lazy Loading, Eager Loading**, and Change Tracker API.
* Proficient with Software development methodologies like Waterfall, Agile, CI/CD.
* Participated in **code reviews**, provided feedback, and enforced coding standards to maintain code quality and best practices.
* Resolved **bugs** and **issues** reported by end users in Prod/UAT environments, ensuring timely and effective troubleshooting.
* Implemented **OOPS, Collections, Generics, Design Patterns, SOLID** concepts such as **encapsulation**, **inheritance**, and **polymorphism** to create modular and reusable code.

# **Education**

* Bachelor of Technology from Jawaharlal Nehru Technological University.

# **Technical skills**

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| Programming Languages | C#, JavaScript, T-SQL, Typescript, PowerShell, VB.NET |
| .NET Frameworks | .NET 6, .NET Core 3.1, ASP.NET FRAMEWORK 4.8,4.7.2 |
| Front-End Development | Angular 12,14, Bootstrap, HTML5, CSS3, React |
| Back-End Development | .NET WEB API, .NET MVC, Microservices, ASP.NET Web Forms |
| ORM | Entity Framework Core, Dapper, ADO.NET, Automapper, LINQ |
| Databases | MS SQL Server, Azure Cosmos DB, MongoDB, Oracle |
| Version Control | Git, Team Foundation Server (TFS), Visual source safe (VSS), SVN |
| Cloud Platform | Microsoft Azure |
| Microservices | Message Broker, Message Bus, API Gateway, Containerization |
| Deployment and DevOps | CI/CD Pipelines, Docker, AZURE DevOps |
| Agile Methodologies | Scrum, Kanban |
| Testing Frameworks | NUnit, XUnit, MOQ, Integration/Automation/Quality Assurance testing using Spec flow, Selenium |
| Tools | Postman, Fiddler, Jira, Confluence, Resharper, Dot peek |

# **professional Experience**

**Client- First Midwest Bank, Chicago, IL May 2021 – Till Date**

**Role: Full stack .NET Developer**

**Responsibilities:**

* Used AGILE RALLY/SCRUM methodology to implement the application.
* Created Single Page Application (SPA) using Angular 12 framework for binding data to specific views and synchronize data with server.
* Used Restful web services and developed dynamic web pages. Develop Business logic layer by implementing Object Oriented Programming languages (OOPS) concepts abstraction, encapsulation, inheritance, polymorphism in C#.
* Develop Business logic layer by implementing Object Oriented Programming languages (OOPS) concepts abstraction, encapsulation, inheritance, polymorphism in C# 6.0.
* Used JSON objects effectively for efficient client-side coding and Typescript template design.
* Implemented Ngrx for state management in the application using Store, Actions, Reducers, Selectors, and Effects.
* Transformed conceptual designs into interactive user interface using HTML5, CSS3 and Bootstrap.
* **Migrated .Net web application from dotnet 2.0 written in VB.Net to C# with .Net core.**
* Involved in maintenance of the existing project on VB 6.0 and developing the new requirements based on .Net technology.
* Implemented Angular12 Router to enable navigation from one view to the next as agent performs application tasks.
* Used Angular12 and Typescript to develop single page application (SPA).
* Worked on Component binding (One-way Binding, Two-way Binding) and Structural directives.
* Developed business tools using .NET Core and Angular12 framework which brings more value to the organization.
* Experience in Client-side web development utilizing HTML, CSS3, Bootstrap, and Angular10/12, Typescript
* A web-based business tool developed using .NET Core framework, relational database using SQL server which brings more profits and increases inventory efficiency.
* Implement new Front-End features with Typescript/ JavaScript and other RESTful APIs.
* Assist customers with application development using .NET Including WPF and ASP.NETMVC.
* Used RxJs heavily for subscribing to Observable streams containing data.
* Developed .Net Core Web API according to business requirements.
* Implemented Authentication, Authorization and extensive Exception handling.
* Implemented LINQ Query operations like Grouping, Sorting, and filtering using EF Core.
* Implemented Angular Router to enable navigation from one view to the next as agent performs application tasks.
* Optimizing the performance of queries with modifications in T-SQL queries, removed unnecessary columns, and eliminated redundant and inconsistent data.
* Used ASP.NetCore3.1 to implement the APIs, Repository and transferred data through Entity Framework.
* Implemented client-side validation with ASP.NET core validator controls such as required field validator, range validator, compare validator, regular expression validator and custom validators.
* Developed and enhanced. NETframework4.0, 4.5 Web API endpoints for consumption by Angular8 components.
* Leveraged Angular12 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.)
* Designing data modeling for .NET applications of new projects and reviewing high and low-level designs
* Responsible for writing Stored Procedures and User Defined Functions to retrieve the data from the central database and extensively worked on bug fixes in SQL procedures using SQL Server 2016.
* Developed new user interface components for different modules using Infragistics UI.
* Used the Infragistics UI controls for more robust requirements. Controls used such as grid, panel, date picker, combo box, validation, dropdown and Auto complete etc. throughout the application.
* Developed JWT Token based authentication to secure the [ASP.NET](http://asp.net/) Core Web API and provide authorization to different users.
* Worked on Test driven development.
* Hands-on experience in Design Patterns such as Singleton, Facade, Factory, and Dependency Injection.
* Created and updated tables using the Data Definition Language and Data Manipulation Language with respect to the business functionality.
* Worked extensively on connecting applications to database using Entity Framework, LINQ and Lambda Expressions.
* Experienced first-hand the best/worst practices for integrating micro services into an existing system architecture.
* Managed Clusters with various Servers in Azure Cloud Resource Groups.
* Working knowledge and Performed Integration Tests in the application.
* Capturing data from Microsoft Azure sites.
* Working knowledge on Azure Cloud IaaS and PaaS Services.
* Involved in Unit testing (N unit), Build and integration testing for the interfaces.
* Automating using C#.net and N-unit testing.
* Worked in the production support of all the applications, solving high priority tickets.
* Worked on web API MS SQL databases to create microservices which integrate with ANGULAR front ends.
* Used LINQ to Entities, LINQ to XML, LINQ to Objects to retrieve data proficiently.
* Lead a team of 4 members for new module enhancements.

**Environment:** **.Net 4.0,4.5, MS Visual Studio 2019, .ASP.NETCore3.1/.Net 6, C#.NET, NPM, HTML5, CSS3, Angular 12, Typescript, Bootstrap 3.0, Entity Framework Core, Infragistics UI, AWS, SQL Server 2016, DynamoDB, GIT, MicroServices, TFS, PostMan, Swagger.**

**Client- DP World UAE Jan 2018 – December 2020**

**Role: Fullstack .NET developer**

**Responsibilities:**

* Involved in the requirement gathering, design of the systems and development using Agile Scrum methodology.
* Developed the User Interface using HTML5, CSS3, Bootstrap, JavaScript, and AngularJS.
* Developed Single page applications (SPA) in Angular 6 & +., Type Script and Boot Strap.
* Implemented different validation control on the webpages using AngularJS and used Azure Devops
* Effectively used new Dependency Injection and Modular Framework of .NET CORE in the development.
* Created REST based APIs to form middle layer for the UI systems (JSON input stream).
* Design the Database entities from Business Models using Entity Framework.
* Created and deployed Web Services using ASP.NET, SOAP and XML for Pulling Customer Service Records and database objects using Cassandra.
* Used WCF for developing and deploying services on windows in line, third party services and applications with the Service Oriented Architecture (SOA).
* Proven ability to work on multiple deliverables simultaneously, adhere to tight deadlines and adapt to changing priorities.
* Excellent Drive for Results and Planning skills and Creative thought processes
* Used C# code to store logs in Database for Web API development.
* Used LINQ, WPF to communicate between DAL and other business components.
* Extensively involved in developing components for Business Layer and Data Layer.
* Used Microservice architecture, based services interacting through a combination of REST and leveraging Azure to build, test and deploy Identity Microservices.
* Implemented identity Management with Azure SQL Database and ASP.NET
* Implementing data driven server-side code in clean-code-architecture design using REST APIs, C#, ASP.net core, MVC and LINQ in .Net framework.
* Used ASP.NET MVC5 framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Consumed WebAPI to pull the user information from endpoints.
* Extensive Knowledge on Microsoft .NET design Patterns including Dependency Injection (DI), MVVM and MVC.
* Developed T-SQL, Stored Procedures, Triggers, and Views in SQL Server 2016 for accessing the database.
* Enhanced the applications performance by constantly monitoring the queries by running Execution plans and query optimization techniques in SQL server.
* Wrote queries, stored procedures to deliver reporting tools.
* Involved in the complete life cycle of the project from the requirements to the production support.
* Extensively involved in fixing production issues and support.
* Involved in fixing UAT, production Bugs and support to the application.
* Used TFS for version control.
* Performed unit testing on the code and delivered test driven approach development.
* Mapping the business requirement to the technical specification and detailed design documents.
* Participate and lead in the scrum calls.
* Used TFS (Team Foundation Server) and Git for version control and collaboration of team effort.

**Environment: .NET CORE 2.2/3.0/4, Visual Studio 2019, C#, ASP.NET MVC 5.0/4.0, Entity Framework 6.0/4.3, HTML5, CSS3, Angular JS, Angular 6,AJAX, .NET Framework 4.5,Rest full Services, WEB API,TFS 2013, .Net Core 3.1, .NET 5 Java script, JSON, IIS 7.0, HTML5, CSS3, XML, XPATH, XQUERY, SQL Server 2016 (T-SQL,PL/SQL, Stored procedures, Triggers) .NET CORE, GitHub, Multi-threading.**