**.NET Fullstack Developer**

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**Professional Summary**

* Over 10 years of experience in IT, specializing in Windows technologies and **.NET**, including **C#.Net** and **.NET Core**.
* Proficient in web technologies like **Asp.Net Web Forms, Asp.Net MVC, and Microsoft Azure Cloud offerings.**
* Strong programming expertise in **C#.Net, Asp.Net Web Forms, Asp.Net MVC, ADO.NET, Microsoft Azure, SQL Server, and SQL Azure.**
* Developed Internet Applications using **ASP.NET, MVC, Angular, JSON, ReactJS, and Microsoft Azure.**
* Extensive experience in **Microsoft Azure** services such as Web Apps, Function Apps, Cosmos DB, SQL Azure, Storage, Microservices, Service Fabric, and Logic Apps.
* Implemented serverless architecture using **API Gateway**, **Lambda**, and deployed AWS Lambda code from Amazon S3 buckets.
* Proficient in **Angular, React JS, and Blazor** for client-side/server-side code in **ASP.NET** applications.
* Designed and developed Microservices using **ASP.Net Core, EC2, RDS, Dynamo DB, S3, CloudWatch, and Docker.**
* Expertise in designing databases, **SSRS in SQL Server & SQL Azure, and PostgreSQL administration.**
* Strong proficiency in **ADO.NET, Entity Framework**, and creating database applications.
* Developed SOA applications using **C#.NET** Serviced Components, **.NET WCF Services** & Microsoft Azure with Microservices.
* Experience in **RESTful APIs, Design Patterns** (MVC, MVP, MVVM), and code-first development.
* Developed SPAs using **Asp.Net MVC, Web API, and Angular.**
* Extensive experience in Analysis, Design, and Development of multi-tier web-based applications using **WCF/Web** services.
* Proficient in methodologies like **Agile** and **Waterfall**, with expertise in application deployment in Kubernetes clusters and usage of **Azure DevOps, SVN, TFS, GIT, Bitbucket, Jenkins & Jules.**

***Technical skills***

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| **Programming Languages** | C, C#.NET, T-SQL, PL/SQL,Typescript, Python, JavaScript,VB.NET. |
| **Web Technologies** | ASP.Net Core, ASP.NET, CSS, RAZOR, HTML, XHTML, XML, AJAX, Angular, React JS, Node JS |
| **Scripting Languages** | JavaScript, jQuery and Shell and Bash scripts. |
| **RPA** | UiPath, Blue Prism and Automation Anywhere |
| **JS Frameworks** | Angular 16//13/10/8, React, Node JS |
| **IDE** | Visual Studio 2022/2019/2017/2015/2012 |
| **O/R Mapping** | Entity Framework, NHibernate. |
| **Databases** | MS SQL Server, MS Access, Oracle, DB2, CosmosDB, Cassandra |
| **Version Control** | Azure DevOps, GitHub, Team foundation Server (TFS), Visual source safe (VSS), SVN |
| **Business Modeling Tools** | Rational Rose, MS-Visio, MS PowerPoint, Microsoft Office Suite |
| **Reporting Tools** | MS-SQL Server Reporting Services (SSRS), |

***Professional Experience***

**Client: *Mayo Clinic*- Rochester, Minnesota July 2022 – Present**

**Role: Sr.NET Full Stack developer**

**Responsibilities:**

* Utilized Agile Scrum methodology for application implementation and employed x-Confluence pages for project documentation, internal errors, or issues.
* Developed dynamic and responsive user interfaces using Angular 14, employing features like two-way data binding and reactive programming to enhance the user experience.
* Utilized Angular's component-based architecture to create modular and reusable UI components, facilitating maintainability and scalability of the front-end.
* Programming application using Net Core and AWS lambda API
* Implemented a microservices architecture using ASP.NET Core, allowing for the independent deployment and scaling of different components.
* Involved in AWS PostgreSQL database migration
* Utilized C# for server-side development, implementing business logic and ensuring the seamless integration of front-end and back-end components.
* Implemented optimized data access strategies, including the use of parameterized queries and connection pooling, to enhance the overall performance.
* Leveraged LINQ queries for expressive and type-safe data access, simplifying code and enhancing readability in database interactions.
* Implemented advanced indexing strategies and query optimization techniques to enhance database performance, ensuring quick retrieval of patient data.
* Engineered real-time decision support features by implementing WebSocket communication, allowing healthcare providers to access critical information promptly during patient care.
* Applied responsive web design principles, ensuring cross-device compatibility for healthcare professionals accessing to acess the application on various devices.
* Integration of data storage solutions in spark especially with AWS S3 object storage.
* Integrated code changes regularly, allowing for early detection of integration issues and ensuring a more stable codebase.
* Migrated an existing on-premises application to AWS. Used AWS services like EC2 and S3 for small data sets processing and storage
* Integrated static code analysis tools into the CI/CD pipeline to ensure adherence to coding standards, identify code smells, and maintain overall code quality.
* Conducted load and performance testing to assess the CDSS's scalability, identifying and addressing potential bottlenecks in handling concurrent users and data loads.

***Environment:*** Angular 14, ASP.Net core 6.0, C#, MVC 5, ADO.Net, LINQ to SQL, HIPAA, AJAX, HTML, MS Visual Studio 2022, Asp.net Core Web API, Bootstrap, CSS, JAVASCRIPT and SQL Server 2019, TFS

**Client:** *Concert AI* **- Cambridge, MA Aug 2020 – Mar 2022**

**Role: .NET Full Stack developer**

**Responsibilities:**

* **Designing and implementing applications using C#.Net, JSON, Web API, and Azure cloud technologies.**
* **Proficient in understanding architecture requirements and ensuring effective design, development, and analysis of the code.**
* **Involved developing cross-browser accessible interfaces using Bootstrap, JavaScript, CSS3, and Angular 10.**
* **Implemented Event Hub to send the events and consumed it on the other end.**
* **Well-versed in creating and reviewing procedures, tables, and views for Oracle, MSSQL and SQL Server databases.**
* **Used Azure key vault to store the secret values for a particular key and used them in the production.**
* **Skilled in using N-tier architecture for presentation, business, and data access layers and developing micro services architecture-based applications.**
* **Proficient in creating and using REST APIs using .Net Core and leveraging AWS for building and testing identity micro services.**
* **Implemented continuous integration practices in Azure DevOps to trigger automated builds and tests upon code commits.**
* **Proficient in creating and using REST APIs using .Net Core and leveraging AWS for building and testing identity micro services.**
* **Implemented and maintained monitoring and alerting of production and corporate servers.**
* **Responsible for Docker file configuration and maintaining docker images.**
* **Implemented using VSTS & Git for version control and deploying builds for Dev, QA, UAT and Prod environments.**
* **Implemented writing unit, integration, and automation test cases to ensure the quality of applications.**

***Environment****:* **.Net 4.0,4.5, MS Visual Studio 2019.ASP.NET Core3.1, C#.NET, NPM, HTML5, CSS3, Angular 11, JavaScript, Typescript, Bootstrap 3.0, Entity Framework 6.0, Kendo UI, Microsoft Azure, Python, AWS, SQL Server 2014,2016, Perforce, Cherwell, GIT.**

**Client:** *State of NC* **- Raleigh, NC Aug 2018 – Apr 2020**

**Role: .NET Full Stack developer**

* Developed controllers and action methods for user interaction logic using **C#.Net.**
* Used **ASP.Net** **Forms** **Authentication** and **Role based Authorization** to implement application security.
* Used Angular, TypeScript to develop templates, controllers, and directives.
* Developed web applications using ASP.NET, MVC, HTML5, TypeScript, AJAX, Angular and CSS.
* Developed SQL queries for efficient storage and retrieval of JSON documents in database systems.
* Designed and implemented **WCF** services to enable secure and reliable communication between distributed systems, resulting in improved data exchange efficiency**.**
* Developed **RESTful** Web API endpoints to expose and consume data, enhancing interoperability and supporting modern application architectures.
* Used **ADO.NET Entity Framework 6** for database access, query and manipulation.
* Spearheaded the migration of projects to GitLab, enhancing collaboration and version control efficiency.
* Modernized **legacy .NET** applications into cloud-native microservices architecture, deploying on Azure Kubernetes Services (**AKS**) and **Azure App Services**.
* Integrated **Azure Active Directory** for identity and access management, implementing Single Sign-On (SSO) for applications.
* Build Data Sync job on Windows **Azure** to synchronize data from SQL 2012 databases to SQL Azure.
* Created **Azure Event Hubs** for Application instrumentation and for User experience or workflow processing.
* Worked in Software Configuration Management, setting up company Version policies utilizing Team Foundation Server (TFS).
* Generated data migration and transformation using **SSIS.**
* Worked with Oracle **PL/SQL** Queries using joins, Indexes and in creating Tables, Views, Indexes, writing Stored Procedures, Functions and Triggers using Oracle 11g, Maintaining Database, and Query Optimization.
* Designed and Developed Microservice's for the business components using .NET framework.

**Environment**: Asp.Net, C#.Net, LINQ, ASP Chart Controls, jQuery, AJAX, SSRS Reports, JavaScript, SQL Server 2012 and Web services, dependency injection, IOC Using unity container, AOP using Post sharp, Test driven Development (TDD) / Behavior driven development (BDD) using Spec flow, Custom Lazy loading, Angular.

**Client:** *Master Card* **– St. Louis, Missouri Sept 2016 – Feb 2018**

**Role: .NET Full Stack developer**

***Responsibilities:***

Created Single Page Application (SPA) using Angular 10 framework for binding data to specific views and

synchronize data with server.

Used JSON objects effectively for efficient client-side coding and Typescript/JavaScript template design.

Transformed conceptual designs into interactive user interface using HTML5, CSS3 and Bootstrap.

Implemented Angular 6 Router to enable navigation from one view to the next as agent performs application

tasks.

Implement new Front-End features with Typescript/ JavaScript and other RESTful APIs.

Optimizing the performance of queries with modifications in T-SQL queries, removed unnecessary columns and

eliminated redundant and inconsistent data.

Managed Clusters with various Servers in Azure Cloud Resource Groups.

Used ASP.NetCore3.0 to implement the APIs, Repository and transferred data through Entity Framework.

Developed and enhanced. NET framework Web API endpoints for consumption by Angular components.

Experience in third party libraries like Angular Material Design.

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.

Used the Kendo UI controls for more robust requirements. Controls used such as grid, panel, date picker,

combo box, validation, dropdown and autocomplete etc. throughout the application.

Modified Web Services to interact with the other applications and exposed them using SOAP and HTTP.

Working knowledge and Performed Integration Tests in the application also Capturing data from Microsoft

Azure sites.

* Proficient in using NUnit Testcase Ordered to customize the order of test case execution.

Worked closely with DevOps teams to ensure seamless deployment and continuous integration processes using

IIS. visual

***Environment:* .NET CORE 2.2/3.0,** Visual Studio 2015, C#, ASP.NET MVC 5.0/4.0, Entity Framework, HTML5, Angular, Node JS, .NET Framework 4.5, Rest full Services, WEB API, JQuery, JavaScript, AJAX, JSON, IIS 7.0, CSS3, SQL Server 2012(T-SQL,PL/SQL, Stored procedures, Triggers) , GitHub.

**Client: *Virtusa -* Hyderabad, India Sep 2013 – Aug 2016**

**Role: Junior .NET Developer**

***Responsibilities:***

* **Created and developed Stored Procedures, functions, and triggers for MS SQL database.**
* **Worked on C# and ASP.Net for web application maintenance.**
* **Implemented React.js for front-end screens using NPM and radix library components.**
* **Conducted performance testing using Visual Studio Web Performance and Load T**
* **Managed Git repositories in Azure DevOps for version-controlled source code.**

***Environment:*** C#.NET,**ASP.Net,** NPM, HTML5, CSS3, JavaScript,**React.js,** Typescript, Bootstrap 3.0, **MS SQL database,** SQL Server Management Studio, **Azure DevOps**, **Visual Studio 2010.**