**Mounika Bobbili**

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**PROFESSIONAL SUMMARY:**

* With 9 **years** of professional experience as a **.Net Developer**, I am proficient in designing, developing, and maintaining applications.
* High-quality enterprise applications developed with **Microsoft Azure, C#, ASP.NET, ASP.MVC, ADO.NET, SQL-Server, Oracle, Visual Studio, LINQ, CSS, and IIS 7/6.**
* Proficient in .**NET Framework 4.8/4.7.2/4.6/4.5, .NET Core/ASP.NET Core Ver 2.x/3.0/3.1/5, ASP.NET Core Identity, Entity Framework (EF) Core, Razor Core, MVC Core** and **ASP.NET Core Dependency Injection**.
* Working knowledge of ADO.NET data objects such as Datasets, Data Readers, Data Lists, and Data Adapters.
* Professional experience with **HTML5, XML, CSS3, JavaScript** and **ASP.NET** Custom Controls for the development of Web-based front ends.
* A professional web designer with expertise in **HTML5, CSS3, DHTML, JavaScript, XML, jQuery, Visual InterDev, Master Page, AJAX, JSON, Angular JS, Angular Versions, React JS, Node.JS, and Bootstrap.**
* Expertise in developing applications using Visual Studio .NET technologies such as **C#, ASP.NET, ADO.NET** and **Web services.**
* Experience in building web applications and using the **Azure CLI** on **Azure Cloud**.
* Experience developing **RESTFUL ASP.NET** and **Web API services** and performing **CRUD** operations.
* Programming experience with **C#.NET** and **HTML** for the Data Access Layer (DAL), Business Logic Layer (BLL) and Presentation Layer (UI).
* Expertise in design and branding of Master Pages using Server Controls, User Controls, Data Grid Controls, Forms Validation Controls, and Custom Controls with **CSS**.
* A thorough understanding of the development, consumption, and deployment of ASP.Net Web Services using **WSDL/SOAP** as well as ASP.Net Web API's (**RESTful**) and Windows Communication Foundation (**WCF).**
* Working knowledge of **NUnit** framework for creating and running unit tests.
* Experienced in designing and developing **GUIs** (Graphical User Interfaces) in C# Win Forms and ASP.Net Web Forms.
* Experience with **T-SQL** and **PL/SQL**, as well as writing stored procedures, functions, triggers, cursors, and indexes.
* Working experience with **SQL Server** databases, writing queries, stored procedures, and views in T-SQL, maintaining databases, and optimizing queries.
* A thorough understanding of building rich content Web Forms, Web User Controls, Server Controls, Web Services, WCF Services and Web API Calls.
* Expert in Configuration Management, setting up Version Policies, establishing build schedules with **GIT**, Team Foundation Server (**TFS**).
* Exposure to the following software/tools: **Visual Studio (2019, 2017, 2015, 2013, 2010, 2008), SQL Profiler, Fiddler, SOAP UI, Postman, LINQ Pad.**
* Programming experience with **SOAP, REST, XML, WSDL** and **JSON/XML** Multithreaded applications.
* Testing experience with **MS-Unit, N-Unit**, and performed integration, system, and performance testing.
* Exceptional judgment skills, self-motivated, energetic, collaborative, positive attitude, detail-oriented, quality-focused, reliable, multitasking and team player.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | C#.Net, TypeScript, T-SQL, PL/SQL |
| **.NET Technologies** | .NET Framework, Asp.Net Core, ADO.NET, ASP.NET Blazor ,Entity Framework, Web Services, Web Forms, Win Forms, Custom controls, WCF, SOAP, LINQ, WSDL, JSON, REST |
| **Web Technologies** | HTML 5, CSS3, AJAX, J-Query, JavaScript, Angular Versions, JSON |
| **Services** | WCF, Web Services, Restful services, Web API 2. |
| **Reporting Tools** | SQL Reporting Services (SSRS), SSIS, Crystal Reports, Telerik Reporting. |
| **Databases** | MS-SQL Server, Mongo DB, MS Access |
| **IDE** | Microsoft Visual Studio, Eclipse |
| **Version Control Tool** | Team Foundation Server, Git and SVN. |
| **Testing Tools** | N-Unit |
| **Operating System** | Windows, iOS, Android |

**PROFESSIONAL EXPERIENCE:**

**Client: State of Colorado, Denver, CO Feb2021 to Till Date**

**Role: .Net Full Stack Developer**

**Project Name: Colorado department of public health and environment**

**Responsibilities:**

* Worked on requirements collection, analysis, design, development, testing, and deployment.
* Designed and developed enhanced and rich web pages using **C# ASP.NET Web Forms/MVC5, HTML, CSS, Java script, Telerik UI, AJAX, ADO.Net, Angular 13.**
* Used **C#** as Programming language to develop code behind business logic.
* Used **Telerik Controls** for rich data visualization while developing applications Developed front-end application using JavaScript and **AJAX** to retrieve data and calling web services for updating the partial page without reloading the complete page.
* Worked with **Web Services**, **ASP.NET Web Forms** and State Management, caching features, securing the web application and configuring optimizations.
* Utilizing [**Azure DevOps**](https://dev.azure.com/SOC-OIT) for project management and source code repository
* Responsible for developing validations scripts (Regular Expression validations, Autantications, Custom Validations Using **JQuery**.
* Developed windows services for the automation of business processes and email the log reports to the administrator.
* Developed ASP.NET Core Web API based on departmental requirements and specifications.
* Worked with advanced concepts of ASP.NET Core, MVC such as Models and Providers, Filters used for developing backend technology.
* Experience on Web Forms to achieve some functionality locally.
* Used **WCF** services for communicating with other components and applications.
* Made use of several **.NET AJAX** controls to render the content dynamically on Webpages, which were developed using **C#.**
* Analyzed and repaired existing ASP.NET applications implemented the tasks, which include developing user controls, writing functions in **JavaScript, Creating CSS** (Cascading Style Sheets).
* Wrote SQL Scripts for creating relational database tables with foreign key constraints in **SQL** Server 2015 using **T-SQL**.
* Worked on database-driven and domain-driven application that uses heavily in **T-SQL** Stored Procedure, View, Function, and Trigger.
* Capable of understanding and implementing different data structures algorithms like sorting searching and string manipulations with best optimized time and space complexities.
* Extensively worked with **MVC** Architecture and used features like Directives, Views, Scope, Modules, Dependency Injection, Factories, Modules, and Services & Controllers.

**Environment: C#,** Asp.Net Web API, ASP.NET Core 3.0, HTML, CSS, Java Script, ADO.Net, Telerik UI, SQL 2015, My SQL, Azure Devops, Angular13, T-SQL, Visual Studio 2019, Ajax, jQuery, MVC.

**Client: CenturyLink - Denver, CO June 19 – Jan 2021**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Attending Daily Stand-Up Scrum Meetings to discuss client requirements during analysis, design, development, and testing phases of the application development life cycle.
* Utilized **ASP.Net MVC 5.2.5** and **.Net Framework 4.8** to develop, design, and maintain web applications.
* Utilised **WCF** to create and consume **RESTful** web services and configured endpoints to use HTTP verbs like GET, PUT, POST, and DELETE.
* Implemented **ASP.Net Core** features like web forms, master pages, and state management in order to optimize and secure web applications.
* Developed and implemented data consumption and publication web services using Windows Communication Foundation (**WCF).**
* Created and implemented **WCF services**, including message contracts, service contracts, data contracts, bindings, and behaviors.
* **Designed Single Page Web Applications using ASP.Net Core 3.0, VueJS and Angular JS.**
* Implemented and configured Azure services such as **Azure App Service, Azure Functions, Azure Storage, Azure SQL Database, Azure Active Directory, Azure Event Grid, and Azure Event Hub.**
* Utilized **Azure Security** Center, Azure Policy, Azure Key Vault, and other Azure security services to implement security and compliance controls.
* Developed, tested, and deployed applications using TFS for continuous integration and continuous delivery (CI/CD).
* Implemented **Azure DevOps** pipelines for continuous integration (CI/CD) and continuous deployment (CD) of applications and infrastructure.
* Delivered high-quality software by working with cross-functional teams, including business analysts, project managers, and quality assurance teams.
* Identifying and resolving production issues quickly to minimize downtime through technical support and troubleshooting.

**Environment** ASP.Net Framework 4.8, ASP.Net Core 3.0, C#, Azure Devops, Kusto Queries, API Functions, Rest API, VueJS, Angular JS, CI/CD, MS SQL Server, Visual Studio, Azure, HTTP, WCF, TFS, Agile, Windows.

**Client: Greater American Insurance Group, Cincinnati Jan 2019 to May 2019**

**Role: .NET Developer**

**Responsibilities:**

* Attending Adapted on Agile Methodology to meet timelines with quality deliverables.
* Designed and developed the application using MS Visual Studio 2013, ASP.Net 4.0,

AJAX and C# advanced features.

* Experience programming and troubleshooting in C#, ASP.NET Core, VB.NET, VB6, Web Services.
* Analyzed Client requirement & determined system architecture requirement to achieve business goals.
* Designed and developed master web pages using ASP.NET 4.0 web form controls, Custom user Controls and Ajax controls in C#.
* Developed high performance Single Page Application using advanced AngularJS.
* Implemented React JS code to handle cross browser compatibility issues in Mozella, IE 7,8,9 , Safari and FF.
* Used GIT for version Controlling and source code sharing and used MS Build
* Managed Clusters with various Servers in Azure Cloud Resource Groups.
* Using Azure Cloud services performed various web operations in Azure.
* Worked in Using React JS components, Forms, Events, Keys, Router.
* Performed unit testing using NUnit testing framework.
* Maintaining the Availability and Always-On of Microsoft SQL Server databases in Production and Pre-Production servers.
* Failing over the servers from secondary to Primary nodes and vice versa.
* Created PowerShell scripts to enable easy deployment of SQL code into DEV, QA & PROD environments.
* Created several SSIS packages to load flat files, CSV files and XML files into the database and send the data to the downstream systems.
* Designed GUI using Angular JS and WPF Web application.
* Using SQL Server Reporting Services (SSRS) generated periodic reports based on the statistical analysis of the data.
* Created SQL Server Reports using SSRS and exported them to Excel format for managers and QA team for easy validation.
* Developed stored procedures, views, and triggers for data manipulation, ensuring set up relations includes indexing, constraints, and foreign keys.
* Worked on the Policy violations on the SQL Servers 2015 and addressed them on a daily basis.
* Created an Out-of-sync report which lists the SQL agent jobs which have differences on a primary and secondary server.
* Taking database backups and restores (point-in-time as well) on ad-hoc basis.
* Developed SSRS reports and integrated them in the UI and created subscriptions.
* Documented the Production support processes as part of mailbox support.
* Created the reports using Tableau as per the requirement.
* I was part of the on-call rotation during off-hours.
* Created Stored Procedures and Triggers.
* **Environment:** ASP.Net Framework 4.8, ASP.Net MVC 5.2.5, C#, Azure Devops, React JS, CI/CD, MS SQL Server, Visual Studio, Azure, HTTP, WCF, TFS, Agile, Windows.

**Client: FedEx, Colorado Springs Sep 2017 – Dec 2018**

**Role: .Net developer**

**Responsibilities:**

* Working in **Agile Methodologies** for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Developed **Business Logic** components in middle tier using **C#**. Wrote classes to implement Business rules and algorithms.
* Designed new **WPF** application using **MVVM** and Repository pattern, from design to completion. Migrating an existing on- premises application to **Azure.**
* Developed and enhanced client-side management portals User interfaces using **C#**, **React JS**, **JQuery, HTML, Bootstrap, CSS, VueJS** **and AJAX**.
* Created and consumed Restful Web API to achieve Screening and transfer JSON data by using HTTP protocols and incorporated the same in web UI Single page applications using **React JS.**
* Worked on in-build pipes, and customer pipes to customize and filter, as well as validation and Lambda providers in **React JS.**
* Using Web Services like **REST** for interaction of data between Microsoft Dynamic CRM & Microsoft SQL Server ·
* Used Microsoft Exception Handling Block Component to handle errors and worked on **.NET** security features such **Authentication** & **Authorization**, **Authorizing Users**, Roles, and User Account Impersonation.
* Extensively used **WCF** framework to build applications that inter-communicate and implement services using Service Contract and Data Operation
* Worked with **LINQ, Entity Framework** and **Object Relational Mappers (ORMs)** and used Entity Framework as ORM to communicate with SQL server.
* Responsible for handling advance data querying capabilities with LINQ to SQL/Objects/XML and object relational mapping using Entity Framework.
* Worked extensively with **ADO.NET objects** such as Data Adapter, Dataset, and Data Reader to interact with Databases like **SQL Server.**
* Created Web **HTTP** binding to make WCF rest services to improve the performance.
* Designed and developed application logging using **Log4net** logging framework, created custom appended to save log information in database.
* Worked in **MVC architecture** to create web applications using **ASP.NET** and **SQL Server.**
* Created ASP.NET User Controls to reduce the complexity of user interface design
* Used Team foundation server (**TFS**) as source control repository for code version on **CI/CD**.
* Used **Docker** to build & run distributed applications in the cloud platforms.

**Environment**: .NET Framework 4.0, Visual Studio 2015, C#, ADO.NET, ASP.NET, AJAX, IIS, Web services, WCF, SSRS, MVC, React JS, mongo DB, VueJS, Bootstrap, JSON, MS SQL Server 2014, HTML, CSS, Team Foundation Server, Rest full services, NUnit-Test, Crystal reports, XMl, Orcale 12c.

**Client: Inovalon, Maryland July 2016 to Aug 2017**

**Role: .NET/C# Developer**

**Responsibilities:**

* Involved in the Analysis, Design, Development, Testing and Maintenance of Applications.
* Used ASP.NET chart controls to produce PIE charts, Donut charts, Line Graphs and Bar Graphs.
* Re-designed the RAPS application module to make it more interactive and user friendly.
* Incorporated Role Based Security on the front-end side using C# using AES.
* For better design, user experience used Bootstrap for Modal pop-ups, Alerts, etc.
* Designed a Web application using Web API with AngularJS and populated data using ADO.NET entity framework and Used Entity Framework to model and manage data from SQL Server.
* Worked on Mobile Web Application template under Visual C# Projects.
* Used ADO.NET objects such as Data Reader, Data Adapter and Data Set to fetch and handle user data.
* Created Tables, Stored Procedures, User Defined Functions, Views, and Triggers for different data operation on the database using SQL server.
* Used Team Foundation Server (TFS) for version control, source control and for better communication between the team members.
* Deployed the project through Internet Information Services (IIS).
* Using ASP.NET MVC 4.0 implemented Controllers for processing incoming requests, handling input, saving data, and sending a response to send back to the client.
* Extensively worked with Java scripts and client-side validations.
* Involved in Development using WPF, CAB, Prism Framework, WF rule engine, Linq and SQL server.
* Expertise in Scheduling testing job and set up the flag to run automation script.
* Wrote various data normalization jobs for new data ingested into Redshift.
* Advanced knowledge on Confidential Redshift and MPP database concepts.
* Involved in SSIS packages to transfer data from various sources like text files, XML files, SQL Server, Excel and Access to SQL Server.
* Expertise in developing Client/Server Applications on various architectural design patterns including MVC 2.0/3.0/4.0.
* Perform report development utilizing SQL Server Reporting Services. Responsible for database applications development and support for customer care applications using SQL Server 2008.
* Assessments, reporting and design with proprietary software and SQL Server 2008.
* Monitored MS SQL Server for performance and network issues.
* Re-Designed the entire UI for the WPF Application to make it more interactive and user friendly.
* Designed and developed a modular accounting application using WPF, Unity, Prism and MVVM. Also built a custom installer to mimic click-once behavior.
* Worked on all kinds of dynamic SQL formats, connectivity, and exception handling.
* Created new HTML helper classes for rendering of HTML controls in a view.
* Created CSS3 background, Layouts, Positioning and Text, Border, Padding, Pseudo Classes, Elements, Behaviors and constants for reusability.
* Created Application-Level Themes and Designed the Master pages.
* Developed Cache Framework to make data persist and minimize database call.
* Improved the performance of the application by clearing the session and cache objects when not in use. Optimized the code and created re-usable components.
* Automated the Data Feed by creating the SSIS package and scheduling it.

**Environment:** C#, Visual Studio 2013, ASP.NET 4/4.5, MVC 4.0, HTML5, JQUERY, AngularJS Core, CSS, XML, XSLT, Java Script, ADO.NET, Web API, Ajax, Bootstrap, Entity Framework 5.0, LINQ, SQL Server 2012, SSIS, WCF, WPF, TFS, VB.NET, IIS, Web Services.

**Client: Solivar Technologies Ltd., India May 2014 to April 2015**

**Role: .Net Developer**

**Responsibilities:**

* Participated in the Software Development Life Cycle (SDLC) of the application from the design phase to the implementation, testing, deployment, and maintenance phases.
* Preparation of UML design documents (use cases, sequence diagrams) in collaboration with business users.
* Designed and developed responsive web pages using **HTML, CSS3, AngularJS, JQuery, AJAX, JavaScript,** and **ASP.Net, WPF.**
* Validation controls were implemented in **ASP.Net** and **JavaScript** on the client side.
* Incorporated **ADO.NET** transaction management into the business and data access components (as separate assemblies).
* Utilized **SOAP**-based web services to create N-tier distributed **.NET applications**.
* Created **WCF** services for data exchange between clients and servers, implementing Fault Contract and Data contract for **WCF** services.
* Improved performance of Entity Framework through the use of compiled queries, multiple contexts, explicit loading, and Save Changes to Context after database operations.
* Designed GUI screens using AJAX Toolkit and partial page updates using **AJAX**.
* Developed **XML Web Services** in C# based on **SOAP** protocols using XML and XSLT extensively.
* Implemented effective user controls to provide document search functionality.
* Developed unit and integration tests for the existing web application, SSIS routines, and reports in SSRS.
* Resolved all issues using **JIRA** tickets.

**Environment:** .Net Framework 4.7, ADO.NET, HTML, CSS3, AngularJS, jQuery, AJAX, JavaScript, WCF, WPF, Webservices, Jira, Windows

**Education:**

Bachelor’s in Electronics and Communication Engineering, JNTU-India

Master's in Computer Science - Silicon Valley University – San Jose - CA - USA - 2016 December

Master's in Information Technology and Management - Campbellsville University - KY - USA – 2019.