Harshith

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SUMMARY

- **10+ years** of experience in all stages of the **SDLC (Software Development Life Cycle)** involving analysis of the user requirements, designing, development, testing, deployment, documentation and maintaining various stand-alone, client-server and web-based projects.
- Extensive experience of designing and developing software applications with **Microsoft Visual studio and .NET Framework** various versions using **C#, ASP.NET, .NET Core**.
- Experience in developing applications using **ASP.NET MVC Framework, .Net Core, C# , SQL, Angular, WCF, Web API, Win Forms, ADO.NET, Web Services, XML, Java Script, JQUERY, Node.js, Bootstrap, HTML, IIS, Kestrel, AJAX, LINQ ,LINQ-To-SQL**.
- Used **PostgreSQL** to connect for **Azure Database** from **C#**.
- Design, implement, and maintain **CI/CD pipelines** to automate the building, testing, and deployment of applications, ensuring faster and more reliable releases using **Azure DevOps**
- Analyze logs, metrics, and alerts to identify bottlenecks, errors, and optimize system performance using **DataDog**
- Experience in all phases of application development including **User Interface/ Presentation, Business Logic and Data tiers**.
- Expertise in designing and developing the Class Libraries for encapsulating the reusable functionalities like creating the Library for **Data Access Layer**, and implementing lots of reusable business rules.
- Vast experience in developing applications using **Service Oriented (SOA) and N-tier Architecture**.
- Experience on working on Cloud like **AWS and Azure**.
- Strong **Object Oriented (OOPS)** programming skills as extensively used **C#** to develop the middle tier of the applications.
- Experience on configuration of applications on **IIS**.
- Knowledge on **Amazon Web Series(AWS)**.
- Generated reports using various reports generation tools/services like **SQL Server Reporting Services**.
- Hands-on experience in implementing **Web API** to access the services of other applications.
- Extensive experience in working with **jQuery's, AJAX and JSON Objects**.
- Experience in writing **Database Queries, Stored procedures, Triggers** and background jobs in **Oracle**.
- Strong abilities in **Database Programming** using **RDBMS databases** like **Oracle10g** and **SQL Server** various versions.
- Possess in-depth knowledge in **SQL Server** technologies such as **TSQL, Stored Procedures, Views, Triggers, Functions, and Common Table Expressions**.
- Used **Git, Team Foundation Server (TFS)** as version control.
- Thoroughly followed **Agile methodology**, especially **Scrum process** and Extreme programming for software development.
- Having good skill and experience in performing both **Unit and Integration testing**.
- Strong analytical skills with proficiency in **debugging** and **problem solving**.
- Exceptional ability to master new concepts and capable of working as a Team, as well as independently.
- **Good team player** with excellent communication and interpersonal skills and an ability to work individually or part of a team and good learner to adapt new technologies that improve the business.

TECHNICAL SKILLS

Languages	:	C# , T-SQL, PL/SQL, Typescript, Java Script, jQuery
Microsoft Technologies	:	.NET Core, .NET Framework, C#.NET, ADO.NET, ASP.NET, Windows Forms, Web Forms, ASP.NET MVC, WCF, MSF, SCSF CAB
Web Technologies	:	XML, HTML5, JavaScript, Angular, Node.js, React.js, Web API 2. 0 for Restful Services
Entity Framework	:	Entity Framework 6.0, Lambda Expressions, Query Expressions
Development Tools	:	Visual Studio, VS Code, MS Visio
Web Servers	:	IIS6, Kestrel
Databases	:	MS-SQL Server, MongoDB
Methodology	:	SDLC, Waterfall Model and Agile and Scrum
Software Design Tool	:	Microsoft Visio
Reports	:	SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS)
Source Control	:	GIT, Team Foundation Server (TFS), Visual Source Safe (VSS)

PROFESSIONAL EXPERIENCE

Client: Thomson Reuters Pondera
Location: Atlanta, GE
Dec-2023 – till date
Role: Full Stack .Net Developer

Environment: C#, .Net Core, SQL, Azure, Angular, Restful Services, Typescript, Visual Studio, VS code, Azure, MongoDB

Responsibilities:

- Develop **.NET Core** and **MVC .Net Applications** using Angular and .NET core
- Use **ASP.NET Core** to create a RESTful Web API that provides endpoints for data exchange using database (SQL).
- Leverage **Entity Framework Core** (EF Core) to interact with the SQL database and perform CRUD (Create, Read, Update, Delete) operations
- Implement **JWT Authentication** for secure API access, enabling user login, registration, and session management
- Build dynamic, responsive user interfaces using Angular to consume the Web API
- Use **Angular Services** to handle HTTP requests to the backend, using **HttpClientModule** for easy interaction with the Web API
- Leverage **Angular RxJS Observables** to handle asynchronous data retrieval and update the UI based on the response
- Use **Angular Forms** (Template-driven or Reactive Forms) for user input, which then interacts with the Web API to persist data dynamically
- Secure API endpoints with **JWT (JSON Web Tokens)** for authentication and use role-based authorization to restrict access to certain parts of the API
- Integrate **Azure Active Directory (AAD)** for managing user identities and roles, enabling secure login and authentication via **OAuth2**
- Set up **Azure Monitor** to track metrics like CPU, memory, and disk usage for your Web API and **Azure SQL Database**
- Use **Application Insights and DataDog** to monitor performance, detect anomalies, and gather detailed telemetry data from your Web API for troubleshooting and optimization

Client: CDC Health & Human Services
Location: Atlanta, GE
Dec-2019 – 2023
Role: Full Stack .Net Developer

Environment: C#, .Net Core, Restful Services, Javascript, Angular, Visual Studio, VS code, Azure, MongoDB

Responsibilities:

- Designing the application as a **three-tier application** with **UI** in the **presentation layer, Business logic** in the middle layer and **Database activity** in the third layer.
- Develop **.NET Core** and **MVC .Net Applications** using different application pools
- Work with **Web API** for building **Restful applications** on the **.Net Framework.**
- Create **Views and Partial Views - UI** and middle tier for various modules using **C#, MVC (Razor View Engine), AJAX, JQuery, HTML5, CSS.**
- Use technologies provided by the **.NET framework** including **ASP.NET, Entity framework, Web Services** using **SOA** and data manipulation using **XML. Design** of multiple **web APIs.**
- Develop the application using **MVC frame work, Bootstrap, MVVM and WCF.**
- Involved in coding member validation business functionality using **WCF.**

Design **MVVM** to make use of **data binding** functions in **WPF** to better facilitate the separation of view layer development from the rest of the pattern, by removing virtually all **GUI code.**

- Windows presentation Foundation **(WPF)** is used for building applications for rendering user interfaces in windows based applications.
- Designed and development of **Win Forms** using **C#, JavaScript** for the user interface using the Code behind **Class technique.**
- Analyzed and exchanged administrator, designed, developed and maintained the **web-based** and automated accounting systems and various other applications using **VB and SQL Server.**

- Implemented **ADO.Net** data access techniques i.e. **SQL Connection Objects, SQL Command Objects, Data Set Objects, Data Reader Objects and Data Adapter Objects** using **Data Grid** and **Data List** in **ADO.Net**.
- Responsible for designing, developing and deploying collaboration portal and **Master data workflow** using **SharePoint Portal Server (SPS), Windows SharePoint Services (WSS) and ,.NET Framework**.
- Created, customized, **SharePoint Portal Sites**, permissions for users on various sites, updated content, and created custom navigation i.e. **structuring document folders**, **quick launch** etc.
- Created custom **SharePoint sites, sub sites, Document Libraries, Lists** and **List views** to collaborate the Affiliates using **visual studio**.
- Designed Application using **HTML5 and CSS3 standards**.
- Developed the user interface for back office support and worked collaboratively in agile scrum team on the design and development of application based **MVC framework** using **Angular.js, HTML5 and CSS3**.
- Worked with **Angular.js** for creating **Single page Applications**.
- Created Stored Procedures **PL/SQL statements**, Functions to manipulate the **databases**.
- Worked with all phases of **SDLC** in the **Waterfall model** and **Agile (SCRUM) methodologies**.
- Designed dynamic pages using **HTML, CSS, JavaScript, Bootstrap and Angular.js**.
- Host **Windows WEB API's, Asp.Net applications** in **IIS** and creating **Cloud Instance** using **AWS** for deployment in product environment.
- Experience in developing **Web-Centric** applications using **Angular.js, Backbone.js, Ext.js, Node.js, JavaScript, jQuery and CSS3**.
- Use in the way that **Azure Storage Emulator** utilizes a **SQL Server** occasion and the nearby document **framework** to mimic **Azure Storage (lines, tables, blobs),** with the goal to test locally.
- Create **Restful Web Services** using **Node.js**.
- Write various stored procedures and **SQL statements** to access **data** from **SQL Server Database**.

Client: UNIVERSITY OF ILLINOIS – Urbana Champaign
Location: Urbana, IL
Jun 2018 – Dec 2019
Role: Application Developer

Responsibilities:

- Participated in all phases including designing according to technical requirements, Development, test, release and production support.
- Participated in the feasibility study of migration the existing legacy application from **ASP/Db2 to ASP.NET and SQL Server 2012**.
- Completely migrated the application database from **DB2 to SQL Server 2012**.
- Focus and developed rich and enhanced **web pages** using **MVC 5.0, C#, Entity Framework, JSON, HTML 5, CSS3, AngularJS and Bootstrap**.
- Worked with **MVC framework** for stateless development and separation of responsibility between **Model, Views and Controllers**.
- Followed **SOLID** principles and design patterns in designing the **Application Layers**.
- Designed and **Developed Unit and Integration Tests** utilizing **N-Unit** system to test the individual bits of the functionality.
- Improve the interaction between Model and View by using **AngularJS, Used Web API** to realize Restful services with **JSON data**.
- Developed File processing components for reading data from files and processing data based on requirements, or generating new files using the data in database.
- Maintained the application security by implementing authentication and authorization features.
- Used **JIRA** for **AGILE Scrum** Project management and bug tracking.
- Designed and developed complex Stored Procedures in **SQL Server**.
- Created **SSIS package** to push the data from the application database to **ODS (Operational data store)**.
- Used in Source Code Control Systems like **MS Visual Source Safe (VSS) and Team Foundation Server (TFS)**.
- Involved in unit testing and integration testing of the entire application.

Client: Napier Healthcare Solutions (India) Ltd
Role: .Net Developer
Nov 2015 – Oct 2017

Responsibilities:

- **.NET Developer** with extensive experience in **.NET Platform, Visual Studio 2010/2012/2015 and Microsoft SQL Server, No SQL, PL/SQL**.
- Used **VB.NET** in relation and collaboration with object-oriented programming.
- Professional in developing **Web application** using **C#, ASP.NET Web Form** and **ASP.NET MVC** in a **Client/Web server environment**, and implementing **N-Tier Architecture**.
- Developed classes and interfaces for the **Data Access layer** using **VB.NET, ASP.NET ADO.Net, and SQL 2010** data access library.
- Extensive design and programming experience.
- Designed and developed functional requirements and specifications of **Web Service, WCF and Web API**.
- Extensive experience with **Entity Framework Database Model**.
- Worked extensively with **ADO.NET** objects like **LINQ to SQL** to interact with databases like **SQL Server**.
- Worked on **SSIS** as a platform for data integration and workflow applications and developed **SRSS** reports.
- Written **SQL DB** install scripts to install database and **DB objects** in **SQL Server** (tables, functions, procedures) in Development, Testing, Staging and Production environments.
- Experience in working on **Single Page Application**.
- Experience in all **SDLC** phases, document requirements and design, software applications/services with given requirements, budgets, and timelines and quality criteria.
- Experience in **GIT, Team Foundation Server (TFS)**; familiar with **Waterfall** and **Agile Methodology**.
- Good communication skills and ability to provide coordination and support in a team environment.

EDUCATION

Masters in Computer Science