**Ismail Mohammed**

**Sr. .Net Developer**

***Summary:***

**Around 12+ Years** of experience in IT Industry covering all phases of **Software Development Life Cycle (SDLC)** mainly into **Analysis, Software Design, Development and Implementation** of Web based applications using **Agile and Waterfall methodologies.** Thorough knowledge on object-oriented JavaScript Libraries like Angular.js, Node.JS and Bootstrap.

* Experience in **.Net/.Net core/.Net 6** technology and **SQL Server** over 11+ years.
* Worked in **agile** methodology with **pair programming** techniques and addressed issues during system development and testing.
* Over 4+ years of experience in building end to end web applications using **Angular 10/8/4**.
* Over 3+ years of experience in designing and developing UI using **React**/**Typescript**.
* Expertise in Client Scripting language and server-side scripting languages like HTML5, CSS3, **Bootstrap** **JavaScript**, **TypeScript**, **jQuery**, **Angular**.
* Experience in working with **Angular 2/4/8** modules, services, templates, directives, services and dependency injection to create a **SPA.**
* **Over 2+ years experience working on .Net core Web API.**
* Experience in **Unit Testing (UIT), Integration Testing** and in preparing test casesHave 8+ years of experience in **SQL** and **T-SQL** using **SQL Server 2008/2005/2000.**
* Have **8+ years** of experience in **C#, ASP.NET** and **4+ years** in **VB.NET.** Worked on **Visual studio 2017/2013/2012/2010/2008/2005/2003.**
* Proficient in Web based n-tier applications using **C#, ASP/ASP.NET, SQL/PLSQL, JavaScript, AJAX, ADO.NET, XML, Web API, WCF, Web Services**.
* Strong in all phases of **Software Development Life Cycle, including requirement definition, design using UML, Programing, testing** and **maintenance.**
* Proficiency with **Algorithms and Data Structures.**
* Excellent programing and analytical skills using **Object Oriented methodology** using **C#** and **VB.NET**.
* Hands-on experience with **Javascript, JQuery, AJAX, Bootstrap, Angular 2** and **NodeJS.**
* Used **Angular 2** in the latest project to communicate with **REST API**’s that returns **JSON** data.
* Expertise in Microsoft technologies that include, **C#, VB.NET, ADO.NET, ASP.NET, Web Forms, ASP.NET MVC, Web Services, WSDL, SOAP, UDDI, Windows Communication Foundation (WCF), AJAX control toolkit, IIS, NUnit** and **LINQ.**
* Working experience on **SQL, T-SQL, PL SQL, stored procedures, functions, triggers** and **cursors**.
* Strong understating on webserver **Internet Information Service** (**IIS).**
* Hands-on experience with **HTML/CSS, HTML5/CSS3, XML, DTD, XSLT, XPath, XML Schemas** and **JSON**
* Expertise in **Visual Studio IDE, MS SQL Server Management studio, TOAD, Unity and Android studio.**
* Knowledge on code version maintenance and tracking using **Microsoft Azure DevOps(GIT)**, **Microsoft Team Foundation Server (TFS),** **GitHub, Subversion, Microsoft Visual Source Safe (VSS).**
* Strong debugging ability on **Visual Studio IDE, F11 developer tool, Fiddler** etc.
* **Web API** testing using **POSTMAN**
* Used **ReadyAPI** for mocking data for Angular application.
* Implemented logging using **Serilog, Seq.**
* Experience in code re-factoring, developing standards and mentoring the team.
* Experience in methodologies like **Agile, Waterfall and Scrum**.
* Ability to analyze problems and roots cause and develop innovative solutions to business challenges and streamlining operations.

***Education:* MSIT from Concordia University Wisconsin, Milwaukee, WI in 2015 - 2017.**

**Masters of Computer Applications (MCA) from Osmania University in 2007.**

**Bachelor of Computer Applications (BCA) from Osmania University in 2004.**

***Technical Skills*:**

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| --- | --- |
| ***Programming Languages*** | C#, Visual Basic.Net, Transact-SQL (T-SQL), LINQ |
| ***.NET Technologies*** | .NET Framework 4.5/4.0/3.5/3.0/2.0/1.x, WebForms, WinForms, ADO.NET, WCF, WPF, Silverlight ASP.NET 4.0/3.5/3.0/2.0, ASP.NET MVC, WebServices, Windows Services, EntityFramework4, LINQ, SSIS, SSRS, Android app. |
| ***Databases*** | Microsoft SQL Server (2012/2008/2005/2000), Oracle 9i/10g, MS Access |
| ***Development Tools*** | Visual Web Developer Expression Blend /Design, Eclipse, Netbeans, SQL Server Management studio, Android studio, Unity. |
| ***Visual Tools*** | Visual studio 2017/2015/2013/2012/2010/2008/2005/2003, Visual Studio Code |
| ***Web Development*** | ASP.NET MVC 5/4, ASP.Net, Angular 2/4/8, HTML, CSS, XAML, XML, XSL, XSD, DTD, XSLT, DHTML, XHTML, SOAP, JSON, Javascript, Web API etc. |
| ***Reporting Tools*** | SQL Server Reporting Services (SSRS) 2008/2005, Crystal Reports 8 |
| ***Frameworks*** | .Net Framework 4.5/4.0/3.5/3.0/2.0,ReactJS.NET, JQuery, Angula. |
| ***Versioning Tools***  | Azure DevOps, GIT, Team Foundation Server (TFS),Visual Source Safe and SVN Tortoise |
| ***Designing Tools*** | Rational Rose and Microsoft Visio |
| ***SDLC Methodology*** | Agile and Waterfall model. |
| ***Operating Systems*** | Windows Server 2008, Win 10/7, Win 2000/2003, Win XP, Win Vista, Win 7 and Linux. |

***Professional Experience:***

***Employer: Tektree LLC October’2015 to Till date***

***Projects/Clients:***

***LPL Financials - Remote Oct 2022 to till date.***

***Software Engineer***

***Responsibilities:***

* Work in agile environment with the team and design, implement and test the application requirements.
* Work in a collaboration with different teams to understand the requirements and analyze or implement the tasks assigned.
* Work on .Net based web application and enhance the features or fix the bugs reported using **C#**, **Angular 13, Web API** mainly.
* Create **Components** in **Angular** to integrate the changes into the **UI**.
* Work on **Angular Service** to call **Web API** methods and consume the Response using **Http** module and **Observables**.
* Work on **Databinding in Angular** to reflect the changes that are returned from the Web API.
* Work on **Web APIs** to ensure the business requirements are addressed and use **Postman** to test the **APIs**
* Work in an Agile team with 2-week sprint**.**
* Work on **.Net** **Core** **Web API** to establish the communication flow between the application and the database.

***Public Consulting Group (PCG) – Boston Oct 2021 to Oct 2022.***

**.NET Full Stack Engineer**

***Responsibilities:***

* Work in agile environment on a desktop-based application developed using Win Forms.
* Work closely with the dev and QA team to deliver the business needs.
* Worked on creating new UI screen and enhancing the UI using **React JS Components, Forms, Events, Router**.
* Analyzed **DOM, JavaScript functions** and enhance UI using **CSS**.
* Work on **.Net Win Forms** using **C#**, **SQL** mainly and following scrum framework for agile.
* Create/ Modify win forms based on business requirements that consumes data from various data sources like **SQL Server, Web API** etc.
* Work on **Web API** to that implements the business logic and is responsible for communication flow between the application and the database.
* Used SSMS to connect to **SQL Server** to write complex **SQL queries, create or modify the stored procedures** to **retrieve** and **update** database records etc.
* Attend the team meetings and business meeting to understand the business needs so it can be used to deliver an efficient and effective product.
* Create/review the **Pull Request** for the code changes made using **Azure DevOps (ADO).**
* Used various tools like Visual Studio 2019, SSMS, Postman, etc. for development and deployment.

***Microsoft – Redmond, WA Nov 2020 to Oct 2021***

***Software Engineer***

***Responsibilities:***

* Work in an enthusiastic team to build a web app using **React with Typescript**, **Web API** and **SQL Server**.
* Understand and adhere the **Coherence framework** built by **Microsoft** and **Fluent UI** that must be used to build the UI components.
* Built **UI** using **class components** and **functional components** to display the data in a user understandable format and easy to process.
* Created Modalless pop up window using react based components and Icons and **JSX** tables.
* All the UI build are based on **Microsoft Accessibility Standards**.
* Make the necessary changes to the **Web API** that pulls the data from various **Azure platforms**.

***RiverStone – Manchester, NH May 2020 to Nov 2020***

***Software Engineer***

***Responsibilities:***

* Understand the requirements from Business team and design, implement or enhance the features.
* Needs to work with the team members and coordinate with other teams to get clarity on business requirements.
* Build **Angular 10/8, Components and Services**.
* Using **Angular CLI** (Command line Interface) to create new **Component, Services** etc.
* Work in an Agile team with 3 week sprint**.**
* Work on **.Net** **Core** **Web API** to populate the data for Angular apps.
* Work with SQL Server database to write **sql queries** to retrieve and **update** **database** records.
* Core language features, including key framework provide data structures, use of **LINQ** against in memory collections.
* Used **Bootstrap** to create grids in Angular UI. Bootstrap Icons like chevron-up, chevron-down, plus-square-fill, etc. to create the grid.
* Created pages to input data using Angular UI Forms and various controls like **Input**, **TextArea**, **Checkbox** and also **ngForm**, **ngModel** etc.

***FM Global (RATS)- Johnston, RI Nov 2018 to May 2020***

***Software Engineer***

***Responsibilities:***

* Was responsible for estimation, design, and development of new modules using the **agile process** and **pair programming**.
* Created UI widgets in **Angular 8, Components and Services**.
* Created new **Angular 8** app and added **components** and **services** along with peer developer following **pair programming**.
* Added angular **Components** and created **Services** using **Angular CLI** (Command line Interface)
* Consume the **styles** and **HTML** provided by the UI/UX designer.
* Created **Unit Tests** using **Karma-Jasmine**.
* Worked closely with QA automation team that worked on automation tests using **Protractor.**
* Worked on **Angular** features like new ngIf, ngFor directives.
* Created Http Responses to Mock **JSON** data using **ReadyAPI**.
* Developed **mock API** for testing new **Angular** app using **pair programing** and **Ready API**.
* Partially implemented the **Web API** that gathers the data from various sources for the Angular widgets.
* Implemented logic in **.Net** **Core** **Web API** to gather the data from various sources.
* Worked on **Startup** class of **.Net Core Web API** to implement the **CORS** for UI app.
* Implemented logging for one of the reporting applications using **Serilog** and **Seq**.
* Worked on RATS applications to **enhance** and add **new features** using **WPF, WCF, C#** Design and **SQL**.
* Core SQL, joining tables, various types of relationships that can exist between tables.
* Key patterns and construct utilize within a WPF UI.
* Core language features, including key framework provide data structures, use of **LINQ** against in memory collections.
* Object Design, mapping a problem to a solution at a very high level.
* Breakdown of development work: 65% backend and 35% front end.
* Work in a collarative environment using Windows **Azure** platform.
* Attend the refinement meeting to understand the use requirements and contribute in sizing the story points each sprint (two weeks).
* Be a part of two week sprint planning where user stories are split into tasks and assigned to the developers.
* Identify the solutions to the given problems (assigned tasks) and work on it.
* Solve problems using **C#, SQL, XAML, WWF** etc.
* Update the taskboard on Azure platform to collaborate with other team members.
* Create pull request to get the work reviewed by peers and build the commited changes.
* Work on to resolve the bugs reported during the sprint, if any.
* Started working on a new requirement to build the UI using **Angular** and **Web API**
* Participated in design sessions and actively involved in designing the PreScanning Tool(PST) for client locations

***Environment:*** **C#**, **WPF, WCF, Web-API, JSON, SQL Server.**

***Visiant (Enrollment GW)- Boston MA Mar 2018 to Oct 2018***

***Sr. Software Engineer***

***Responsibilities:***

* Designed and developed **Angular 2 a**pplication along with **Type Script**.
* Developed **Angular Componenets** to build the single page applications**.**
* Created **Angular Services** that contact the **REST API** to get the business objects.
* User **Component**, **Injectable**, **Pipe** etc, decorators in **Angular 2**.
* Worked on **Typescript** **interfaces** and **classes** to strongly type the **Angular Components**.
* Worked on **Unit Testing (UIT), Integration Testing** and in preparing test cases using **Jasmine** and **Karma.**
* Work in a team to analyze, decide and develop new features and fix defects for Enrollment application.
* Created/Modified **stored procedures** in **SQL Server database** for different clients.
* Analyze the backend code and advise the fix for issues/defects to the offshore team**.**
* Used **JQuery Datatables** and **AJAX** calls to **RESTFUL API** to build new user interface to populate member information.
* Used **JQuery** to Interact with **ASP.NET MVC Controllers** to get the data in **JSON** formt that is used to populate on the web pages.
* Created **Models**, **Controllers** in **ASP.Net MVC** to implement the backend business logic.
* Worked on **.Net core Web API** to specify the **Swagger JSON** endpoint
* Was responsible for code review/Peer review for the code fixes. Also responsible for Merge the code in **TFS**.
* Extensive use of **Object Oriented Methodology** using **C#** programing, Used **MVC** and **ORM** architectural design patterns.
* Created entities layer using code first approach using **ADO.Net Entity** **framework.**
* Designed **Services** **Layer** using **interfaces** to play around with data conversions using **C#**.
* Designed and developed **ViewModel layer** to create objects to build the **UI**.
* Hands on **Visuual Studio**, **SQL Server Management studio** and **TFS**.
* Design and developed Views using **Razor** enginein ASP.NET MVC**.**

***Environment:*** **C#**, **Asp.Net MVC, JSON, SQL Server.**

***Visiant (Admin Portal)- Boston MA Oct 2017 to Feb 2018***

***Sr. Software Engineer***

***Responsibilities:***

* Investigate ASP.NET applications that are deployed across various server farm. Implement **SSO** using token based security.
* Developed code in C#, ASP.Net and SQL Server using **Pair Programming**, **TDD**.
* Designed and implemented **SAML authentication** in the Admin Portal application.
* Design and develop rich user interface using **Javascript frameworks** like **Angular JS** and **JQuery.**
* Designed Web pages using **JQuery** using **AJAX** calls to **RESTFUL API**
* Used **Angular2** in designing the dynamic webpages, used **Typescript** to as Client side scripting.
* Fix the bugs reported by clients, testing team etc. and create a Shelves for code review.
* Used JQuery to Interact with **REST API** to get the data that is used to populate on the web pages.
* Extensive use of **Object Oriented Methodology** using **C#** programing, Used **MVC** and **ORM** architectural design patterns.
* Developed **WCF** services that interacts with various data sources and exposes the services using **HTTP** endpoints. Hosted the **WCF** service on **IIS**. Created **WCF** clients in different places to consume the service using **HTTP** end points.
* Edit the **web.config** file to add/change/remove the urls and other information.
* For analyzing data in SQL Server, writing stored procedures to select, insert, update and delete data used **SQL Server 2008 Management Studio** and also used Query Analyzer to analyze the query performance.
* Design and developed Menu using **HTML, CSS, XSLT in Visual Studio 2015** forthird party integration**.**
* Create stored procedures in oracle to fix the logging issues reported by the testing team.
* Created a site health page to check whether the server is alive or not.
* Conducted daily performance meetings to discuss the work progress and issues to be resolved and report to the Dev Lead.

***Environment:*** C#, **Asp.Net, Oracle, JSON, Web API.**

**Metanoia Software Solutions Inc - Hyderabad, India November’2010 – November’2014**

**.Net Developer**

**Responsibilities:**

* Worked extensively in for mail order application in production support.
* Was responsible for maintaining the web pages developed in **ASP.Net,** **C# using** .**Net framework 4.0.**
* Created **WCF** service and hosted on **Internet Information Service (IIS)** that was exposed via **Http endpoint**. Built the custom exceptions for **WCF** using **Fault Contract.** Implemented **Data Contracts, Data Members, Service Contracts etc.**
* Developed and supported monitoring windows applications using **C#** and **WPF.** Worked **Collections framework** and **Webservices** to communicate with **SQL Server** database.
* Part of a team that was responsible defect fixing and maintenance of various modules.
* Worked in a team that was responsible to interpret functional specifications and documented technical specifications that translates the business requirements into **Object Oriented Programs (OOP)** in **C#**
* Created **WCF Services** to enable client applications to connect and maintain the applications remotely.
* Co-ordinate with managers and team members for working on a **Prototype** and **Waterfall methodology**.
* Used **SQL Server 2008 Management Studio** and **Toad for oracle 9.7** for writing stored procedures to select, insert, update and delete data.
* Coordinating with teams and different people to solve the issues raised in the application.
* Involved in active defect fixing, and maintenance of various modules.
* Mentoring the team on resolving the issues.

***Environment*:** **.NET Framework 3.5, C#, VB.NET**[**ASP.NET**](http://asp.net/)**, Visual Studio 2010, SQL Server 2008, ASP.NET Web Forms,**[**ADO.NET**](http://ado.net/)**, SOAP Web services.**

***Trendz IT – Hyderabad, India December’2009 – November’2010***

***Corporate Trainer***

***Responsibilities:***

* Designed custom course content as per the client’s requirements on .**Net** **Framework**, **C#,** **VB**.**Net**, **ADO**.**NET**, **ASP.NET, Java, J2EE, Struts, Spring, Hibernate, HTML, CSS** and **Java script**.
* Prepared Presentations, **Hands-on programs**, and practice **user guides** as per the **course content**. Prepared handout on daily basis.
* Prepare a check list for **lab setup** with required **software** and **hardware**.
* Responsible to assign **project** **work** to the participants as part of the course and monitor and guide them through out the project work.
* Arrange meetings to setup teams and assign roles and responsibilities to the participants to replicate the real working environment.
* Handled special batches on **Data Structures** and **Algorithms** on demand**.**
* Trained employees on C**#**, **Java, ASP.NET, Oracle** and **SQL** **Server** based on for project requirement.
* Prepared the technical question paper for technical evaluation as per client’s specific requirement.
* Evaluated the participants based on their class performance and the exam.

***Worked with NIIT Ltd. November’2007 – November’2009***

***Trainer***

* Prepare batch files before the start of the batch and ensure that all the participants get their course material before commencing the class.
* Trained students on Data Structures and Algorithms, .Net and SQL Server for project requirement.
* Guided students on their final projects required to complete the course.
* Conducted technical workshops for the students to prepare them for interviews.