Kehan Ali Mirza
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Senior .Net Developer

PROFESSIONAL SUMMARY:

- 10+ years of experience in designing and developing collaborative solutions using Microsoft technologies.
- **Expertise in .NET 4.6/4.5/4.0/3.5, .NET Core 1.0/2.0/3.1, ASP.NET Core, MVC, C#, LINQ, JavaScript, jQuery, HTML, CSS, Azure, Angular.JS, React.JS, Node.JS, Typescript, WinForms, WCF.**
- Proficient in UI development using **HTML5**, **CSS3**, **Angular** JS, **React** JS, **JavaScript**, **jQuery**, adhering to **W3C** standards.
- Experience in migrating **SQL** databases to **Azure** Data Lake, **Data** Lake Analytics, **SQL** Database, Data Bricks, and Data Warehouse.
- Hands-on experience with **ADO.NET** Entity **Framework**, **LINQ** to Entities, Lambda Expressions, and OO Design Patterns.
- Strong knowledge of software life cycle processes and methodologies for web and Windows solutions.
- Skilled in **.NET** technologies including **C#, SQL Server**, **ADO.NET**, **MVC**, **WCF**, **WPF**, **MVVM**, and **IIS**.
- Proficient in web technologies: **HTML**, **CSS**, **JavaScript**, **jQuery**, **AJAX**, **XML**, **JSON**.
- Experience in migrating legacy Windows apps from Visual Basic **6.0** to **.NET**.
- Knowledge of OOP design patterns (**Singleton**, **Factory**, **Prototype**, **Builder**, **Dependency Injection**).
- Experience developing web applications with **AJAX**, **Telerik controls**, and **cross-browser** functionality.
- Strong expertise in **T-SQL**, **complex queries**, stored procedures, **triggers**, and user-defined functions.
- Experience in multi-threading programming and database-level design using **T-SQL** and **SQL Server**.
- Developed custom reports using Crystal Reports and SQL Server Services (**SSIS**, **SSRS**).
- Experience in SharePoint site management and translating client requirements into solutions.
- Knowledge of **ORM** tools (Entity Framework) and LINQ (to Objects, **XML**, **SQL**).
- Skilled in troubleshooting and optimizing GCP services.
- Hands-on experience with Azure Service Bus, IAM, Cosmos DB, and AWS services (**EC2**, **S3**, **Lambda**, **RDS**).
- Experience in building Single Page Applications (**SPA**) using **HTML5**, **Bootstrap**, **Angular**.js, **Typescript**, and **ASP**.**NET MVC**.
- Proficient in version control systems like **VSS** and **TFS**.
- Strong project management skills and e-commerce development experience.
- Experienced in applying SOLID principles, Lazy Loading, and Dependency Injection design patterns.

TECHNICAL SKILLS:

.Net Technologies	ASP.Net (4.0/3.5), ASP.Net MVC (5.0/4.0/3.0), MVP, Win Forms, WPF, Web forms, WCF, ADO.Net (4.0/3.5), MVC4 /MVC3 Web Services, MSMQ, Enterprise Library 5.0, C++, C#.Net (4.5/4.0/3.5/3.0), VB.Net (10.0/9.0/8.0), .Net Framework 4.5/4.0, ASP.Net Web API, ASP.Net Core.
IDE Tools	Visual Studio, SQL Server Management Studio
UI Technologies	JavaScript, JQuery (3.0/2.0/1.0), AJAX, VBScript, Angular, React JS
Databases	MS SQL Server, MS Access, Oracle, T-SQL

Reporting Tool	SQL Server Reporting Services (SSRS 2008), Crystal Reports (2010),Big Fix
Modeling Tools	MS Visio
Version Control Tools	Perforce(P4V), Team Foundation Server, Subversion
Servers	Windows Server(2008/2003/NT), Microsoft IIS (7.0/6.0/5.0/4.0)
Testing Tools	N-Unit, MS-Unit, X-Unit, Protractor

PROFESSIONAL EXPERIENCE:

Cbre, Dallas, TX
Role: Senior .Net Developer
Responsibilities:

- Worked in **AGILE** and **SCRUM** environment regularly attending the Status Meetings and updating daily status in internal web portal.
- Designed and implemented **ETL** processes to extract, transform, and load data from various banking systems.
- Worked with Entity Framework to build database context classes and schemas.
- Used **Agile/Scrum** practices and Test-Driven Development (TDD) techniques to provide reliable working software.
- Created **Stored Procedures** for automating data processing tasks.
- Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using **SQL Server**.
- Implemented **Error Logging** and **Auditing** for the web site.
- Used **POSTMAN and SWAGGER** to test the **Web API** and for the Angular application.
- Develop unit test cases for the implemented requirements and all modules.
- Utilized **Azure Bus** for asynchronous communication between microservices of the applications and built scalable and resilient messaging solutions.
- Implemented Data access layer using **C#**, Entity Framework to connect and retrieve or manipulate database information.
- Collaborate with a team of IT professionals to set specifications for new applications / customizations in APRISO.
- Design creative prototypes according to specifications
- Write high quality source code to program APRISO applications within deadlines
- Development of solutions using DELMIA Apriso
- Troubleshoot and debug applications
- Designed and built a feature-rich e-commerce application using **Angular** , resulting in a **20% increase** in conversion rates.
- Created **Typescript** reusable components and services to **consume API's** using Component based architecture provided by **Angular 11.**
- Developed client-side application using **Angular, HTML5, CSS3, Bootstrap 4, Typescript, AJAX,** and business logic was coded in **Web API and Entity Framework**.
- Created and consumed services in Web API 2 to perform CRUD operations using **HTTP methods (GET, POST, PUT, and DELETE)**.
- Extensively worked on **Components, Routing, HTTP services, Dynamic HTML, Form validation** and error handling in **Angular 11**.
- Developed complex **SQL** queries for financial data analysis.
- Developed **Console Applications** for data extraction and processing.

- Used **HTML, Typescript, jQuery, Bootstrap 3, Data Serialization** and **Deserialization**.
- Utilized **Azure DevOps** and deployed the application onto **Azure Kubernetes Services(AKS)** of Microsoft Azure Cloud and utilized its **Azure cloud** services like **Azure Virtual Machines, Azure Blob Storage, Azure Kubernetes Services(AKS), Azure Log Analytics, and Azure DevOps**.
- Performed **Continuous Integration and Continuous deployment** (**CI/CD)** using Azure DevOps for the application utilizing **Azure Pipelines, Azure Boards, Azure Repos, and Azure Test Plans**.
- Implemented **Azure Active Directory** for authentication and authorization in the .NET application, enabling secure access control and user management.
- Develop data pipelines using **Azure Data Factory,** integrating with various data sources and destinations.
- Managed **Identity Access management (IAM)** of **Azure Subscriptions, Azure AD, Azure AD Application Proxy, Azure AD Connect, Azure AD** Pass Through Authentication.
- Integrated **Azure Application Insights** for monitoring and logging, allowing proactive detection and troubleshooting of application issues, performance bottlenecks, and errors.
- Utilized **Azure Blob Storage** for storing and accessing static files or media assets in the .NET application, ensuring efficient content delivery and scalability.
- Used **Azure DevOps and GIT** version control for managing work items and source code.
- Built **SSRS** reports to subscribe and deploy them to report server.
- Installed and used **NuGet** to access different packages in the application.
- Performed unit testing for **.NET** application using **NUnit, xUnit** and **Moq**.
- Performed logging mechanisms using **NLog**.
- Developed e-commerce applications with **Angular and Azure DevOps.**
- Integrated **Azure Active Directory** for secure access control.
- Utilized **Jasmine and Karma** performed unit testing for **Angular** components.
- Perform basic integration and smoke testing in dev environment before deploying application to QA environment.
- Writing test cases in **Zafar** and performing test case execution, doing system testing when the QA team need help.
- Used version control tool **GitHub** for managing the code.
- Performed **Code Reviews** (manual) to implement performance and coding conventions guidelines.
  <u>**Environment**</u>: Net Framework 4.0, Visual Studio, SQL Server, C#.Net, Web API 2, Angular 11, Typescript 4, Bootstrap 3, SSRS, IIS, HTML5, XML, CSS, GITHUB, JIRA, POSTMAN, Entity Framework, jQuery Node JS, Mongo DB, REST API, XUnit, Agile, Scrum, JIRA, CI/CD, Jasmine, Karma, WinForms, SSIS, SSRS, Blazor, Gulp, Bower, T-SQL, HTML5, GIT, CSS3.

Edward Jones St.Louis, MO   **Apr 2021 – Feb 2023**
Role: SR .Net Developer
Responsibilities:

- Involved in all stages of **SDLC** like Requirement Analysis, Design, and Implementation in **Agile** Methodology.
- Developed and exposed endpoints using **ASP.NET Web API 2.0** and Integrated **.NET Core** Pipelines and used token-based authorization using **OAuth 2.0.**
- Installed and used **NuGet** to access different packages in the application.
- Perform unit and integration testing before release of the application.
- Conduct functional and non-functional testing
- Develop technical documents and handbooks to accurately represent application design and code
- Used **React JS** in development of the web applications to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
- Implemented server-side rendering in **Blazor** Pages to optimize application performance and minimize the load on client devices.
- Designed batch applications for **ETL** processes and data transfers.
- Utilized **SQL** functions for improving query performance.
- Established connection between client to server using **API routing** and between client and server side **Blazor** applications using inline component rooting.

- Used **ASP.NET Core, AJAX** framework created efficient and interactive Web applications that work across all popular browsers.
- Designed the front-end user interface using **React JS** framework which are **ADA Compliance** with browser chrome and **Mozilla Firefox**.
- Created interactive UI's using **React JS** One-way data flow, **Virtual DOM, JSX, React Native concepts.**
- Utilized **Redux** to manage the application's global state, enabling centralized and predictable data flow across React components.
- Implemented **Redux** middleware **Thunk**, to handle asynchronous actions, making API calls and managing side effects seamlessly within the application.
- Designed and implemented complex UI workflows and user interactions using **React.js and Redux**, ensuring a smooth and intuitive user experience.
- Implemented form validation and client-side input handling using **React.js**, enhancing data integrity and providing real-time feedback to users during form submissions.
- Developed microservices using **ASP .NET Core** and built **RESTful APIs** utilizing **ASP.NET Core Web API** framework.
- Applied **Middleware's and Filters** in the **APIs** at every action to perform Validations, formatting outputs and for performed exception handling.
- Applied **DB first approach** and utilized **Entity Framework 6** for integrating **.NET Core** application with **SQL Server DB**.
- Managed projects with **Agile**, enhancing collaboration.
- Leveraged Azure for scalability and **cloud integration**.
- Used **Entity framework 6** combined with **LINQ** queries to do database operations.
- Applied Asynchronous Communication between the Microservices utilizing **Rabbit MQ** Messaging Services.
- Implemented **JWT and OAuth 2.0.** for authentication and authorization in the .NET application, enabling secure access control and user management.
- Performed **CI/CD** operations using **Jenkins** and deployed applications on **AWS** cloud**.**
- Utilized **Jenkins** for deploying **Docker Images** on the **EKS (Elastic Kubernetes Service).**
- Configured **AWS EC2 instances**, utilized **S3 buckets** to store the required project contents, and used **CloudWatch** to monitor the application.
- Utilized **AWS Lambda and API Gateway** to create **RESTful APIs** that expose several Lambda functions as endpoints.
- Integrated **AWS SNS with Lambda and S3**, to trigger automated workflows and enable real-time processing of data.
- Performed Unit Testing on **.NET** components using **NUnit** and **Moq**.
- Performed Unit testing on Java Script components utilizing **Jest** and **Mocha** frameworks.
- Used **Git** as version control and performed logging mechanisms in **NLog**.
- Prepared Technical Design Document, Unit Test Cases, User Manual and Functionality Documentation.

Environment: ASP.Net Core 2.2/3.1, C#, ASP.NET Core MVC, ASP.NET Core Web API, Visual Studio 2019, IIS 10.0, React 17, React Redux, RESTful API's, SOAP API's, Blazor, Entity Framework 6, LINQ, SQL, OAuth 2.0, CI/CD, Jenkins, Docker, Terraform, Kubernetes, AWS cloud, API gateway, NuGet, NUnit, Moq, Jest, Mocha, NLog, HTML5, CSS3, JavaScript, jQuery, Typescript, Agile Methodology.

General Motors, Warren, MI   **Aug 2019 – Mar 2021**
Role: .Net Developer
Responsibilities:

- Developed the web application using **C#, ASP.Net Web API 2, SQL Server, N-Unit, AJAX**, and **Entity Framework 6**.
- Development and Maintenance of ASP.Net Web Forms Applications using **.Net 4.5 and Visual Studio 2015.**
- Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular 5**.
- Design & Development of the User Interfaces using **HTML, CSS and JSP**.
- Utilized **Entity Framework 6** to realize object-relational mapping with data in SQL server database.
- Created **Angular 4** component which makes **AJAX** call Restful API's.
- Used **HTML 5, Cascading Style Sheets (CSS3), Bootstrap 3 and Angular 5** to develop and implement a user-friendly UI design for the presentation layer.

- Created **Typescript** reusable components and services to consume REST API's using Component based architecture provided by **Angular 5**.
- Used **TFS** for source code version control.
- Created and managed database objects in **Microsoft SQL Server 2012** which were accessed through **ASP.Net MVC 5** Models in Visual Studio 201**5.**
- Built console applications for **Data Vvalidation and Ttransformation**.
- Designed and optimized **StoredPprocedures** for data manipulation and reporting
- Implemented data binding and **MVC** using Angular for front-end development of a current web application.
- Leveraged **Azure Kubernetes Services (AKS)** for containerized application deployment and orchestration.
- Utilized **Azure Virtual Machines** for scalable and flexible computing resources.
- Managed data storage and retrieval using **Azure Blob Storage** for efficient content delivery.
- Integrated **Azure Log Analytics** for proactive monitoring and troubleshooting of application performance.
- Implemented Continuous Integration and Continuous Deployment (CI/CD) using Azure **DevOps and Azure Pipelines.**
- Managed **Identity Access Management (IAM)** of Azure Subscriptions and Azure Active Directory (AD).
- Coordinated with the **QA** team for testing the latest releases of the application and Bug fixing.
- Actively participated and provided feedback in a constructive and insightful manner during daily **SCRUM** meeting to track the progress for each iterative cycle and figure out the issues.
- Experience working on WebSphere Portal User management **APIs.**
- Made **AJAX** calls using backbone.js for getting the data and parsing it for showing on the web page.
- Used **Node Package Manager** (NPM) to install the necessaries packages from my app.

Environment: ASP.NETMVC 4.5, C#, Design Patterns, SQL Server 2014, SSIS, Restful Web API 2, Angular2/4/5, Typescript, Bootstrap 3, Visual Studio 2013, Ado.Net, HTML5, CSS3, SSRS, XML, LINQ, Team Foundation Server, AJAX, JSON, Responsive Web Design, Angular, Azure Gulp, Bower, NPM, Jasmine, Karma, IIS, Fiddler, Entity Framework, LINQ.

Change HealthCare, Alpharetta, GA   **Feb 2017 – July 2019**
Role: .Net Developer
Responsibilities:

- Developed new functionalities to the existing user facing application, mostly using Microsoft based technologies **like ASP, JavaScript, HTML, XML, AJAX, CSS, and IIS**.
- Implemented the Model View Controller Pattern **(MVC) 3.0** to ease the complex development environment.
- Enabled fast coding work flowable, and quickly integrate server code into **HTML** markup with a minimum of keystrokes using Razor Views.
- Worked extensively with **HTML Helper** functions to build **ASP.Net** pages which enhance the productivity of MVC applications.
- Used JQuery and **AJAX** in the web interface development.
- Proficiency in deploying and managing applications on **Amazon EC2** instances.
- Experience with **Amazon S3** for scalable and secure object storage.
- Knowledge of **Amazon RDS** for setting up and managing relational databases.
- Familiarity with **AWS Lambda** for serverless computing and event-driven applications.
- Understanding of **Amazon API Gateway** for building, publishing, maintaining, monitoring, and securing **APIs**.
- Experience with **Amazon CloudWatch** for monitoring and management of **AWS** resources.
- Strong proficiency in **React.js** and its core principles.
- Experience with popular **React workflows** such as **Redux** for state management.
- Knowledge of modern authorization mechanisms, such as **JSON Web Token (JWT).**
- Familiarity with front-end build tools, such as **Webpack, Babel, and NPM**.
- Understanding of server-side rendering and its benefits.
- Experience with popular **React** testing libraries, such as **Jest and Enzyme.**
- Knowledge of integrating **React** applications with **RESTful APIs**.
- Used **WCF** Jason in developing and deploying on windows in line with the Service Oriented Architecture (SOA).

- Performed extensive Unit Testing using **NUnit** of all modules.
- Used Team Foundation Server to maintain the version and source control.
- Used Entity Framework to generate Model (Data Access) Classes to differentiate the Business Classes and Data, and used **LINQ** to Entities.
- Implemented **Cascading Style Sheets (CSS), Master pages,** and **HTML5** for maintaining uniformity among all Web pages in **GUI**.
- Worked extensively on **SSRS** reporting services for creating reports.
- Responsible to fix bugs and maintain application. Worked in Production Support Team.
- Creating and implementing web user and custom controls to enable reusability.
- Requirement analysis and writing Technical Work Specification for offshore developers.

Environment: Visual Studio.NET, C# 3.5/3.0, VB.Net, Stored Procedures, IIS, ASP, JavaScript, SSRS, WCF, JSON jQuery, SQL Server, AWS, React, ADO.NET, CSS, HTML5, SOAP, AJAX Controls, MVC 3.0, TFS, SSIS.

ICICI Securities, Bangalore, India   **Jan 2014 – Oct 2016**
Role: .Net Developer
Responsibilities:

- Involved in gathering and analysing the requirements from the client and actively involved in Full Life Cycle Development.
- Developed application using N tier methodology and followed agile methodology.
- Designed and developed the application using 3 tier Architecture.
- Developed web pages for the application using **CSS3, HTML 5**.
- Develop Business logic layer by implementing Object Oriented Programming languages (OOPS) CONCEPTS abstraction, encapsulation, inheritance, polymorphism in C#.
- Designed and developed web forms with **ASP.NET, ADO.NET, C#, JavaScript, and HTML**.
- Designed and developed web forms **.NET** Security features such as Authentication & Authorization, Form-based Authentication, Authorizing Users, Roles and User Account Impersonation.
- Played a key role as an **application developer** in designing and implementing software solutions.
- Used **ADO.NET** Entity Framework to Entities Connect to the Database and perform all the database transactions.
- Responsible for developing stored procedures, Triggers, Functions to perform data transactions on SQL Server Database.
- Ensured reliability with **NUnit** for unit testing
- Performed unit testing on some modules. Used the Debugging and Tracing features of **Visual Studio.NET**.

Environment: Visual Studio, .NET, C#.NET, XML, ASP.Net, ADO.NET, SQL Server, XML, HTML.