Ali Mirza

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**PROFESSIONAL SUMMARY**

* Having 10+years of experience in analysis, design, development, implementation of Web/Windows Based Applications

& Client Server Applications in various Microsoft related Technologies.

* Hands on experience in all phases of SDLC.
* Comfortable with Agile Programming Methodologies, Scrum and Test-driven development (TDD), Integration and UI automation testing.
* Well versed with web technologies like CSS, HTML, Bootstrap, JavaScript, JQuery, AngularJs etc.
* Expertise in ASP.NET MVC
* Strong experience in requirement analysis, architecture, design, development and implementation of complicated web applications, windows applications and client-server applications mainly using C#, ASP.NET CORE, ASP.NET, Angular 2+ to Angular 9, Visual Studio.NET, VS Code, MVC, HTML, CSS, JavaScript, JQuery, Bootstrap, Knockout JS, LINQ, Node JS and MS SQL Server.
* Have extensive experience in Performance tuning by analyzing the execution plans of the query.
* Used 3rd party controls like DevExpress and Infragistics for both windows and web applications.
* Higher user experience at the time of high experience using React JS.
* Proficient with WCF, Web API using SOAP and REST.
* Experienced in .NET security features such as Authentication (Windows-based Authentication, Forms-based Authentication) and Authorization (Authorizing Users and Roles).
* Experienced in database designing/architecture with SQL.
* Knowledge of Installing, configuration and maintenance of Oracle Database and ARCGIS Server.
* Extensive experience in SSIS Package Configuration, Development, Deployment and Support of SSIS.
* Worked with Node JS as a Backend Server Technology for Making web services calls.
* In terms of User Interface (UI), I have extensive experience using HTML5, XML, CSS3, AJAX, JavaScript, and JavaScript libraries and frameworks such as Angular, Bootstrap, JQuery and Knockout JS. I have achieved Object Relational (O/R) mapping using Entity Framework, EF Core and NHibernate.
* Experience in other technologies like Azure, PowerShell.
* Experience in providing Logging, Error handling by using Event Handler, and Custom Logging for SSIS Packages
* Developed database in the Cloud Services.
* Implemented client-side Interface using React JS. Build stable React components and stand-alone functions to be added to any future pages. Used React-Router to turn application into Single Page Application
* Strong expertise in Components, Pipes, Filters, Services, Events, Forms, Controllers in Angular 2+.
* Designed WEB API 2.0 and implemented HTTP Message Handlers, user-based authentication, token-based authentication, Routing, CRUD operations using HTTP Verbs, and used SOAP UI, Postman, Fiddler tools for testing.
* Hands on Experience in Microsoft Visual source safe (VSS), SVN, GIT and Team Foundation Server (TFS)
* Experienced in writing SQL queries, Stored Procedures, Database Triggers, Cursors, Exception Handlers, and DTS Export & Import.
* Experience with Fine-Tuning and Optimizing Queries and Stored Procedures.

**TECHNICAL SKILLS:**

**Languages:** C#, SQL, PL/SQL, Java, JavaScript, Delphi

**Web Technologies:** MVC, ASP.NET, AngularJS, Angular2to9, React JS, HTML5, CSS3, JavaScript, XML, AWS, XSL, XSLT, Web API, JQuery

**Database:** Mongo DB, SQL Server, MS Access, Oracle, NoSQL, SSIS, SSRS

**Reporting Testing and Modeling:** MS SQL Reporting Services, Crystal Reports, MS VSS, MS Visio

**Application Tools:** Visual Studio IDE2010/2012/2015/2017,

**Middleware:** WCF, ADO.NET, Entity Framework LINQ, Web services

**Operating System:** Windows server UNIX and LINUX

**PROFESSIONAL EXPERIENCE:**

**Role: .Net Full Stack Developer/Lead**

**Client: ARS Oct 2018 – Current**

**Location: Memphis, TN**

**Responsibilities:**

* Experienced in front-end development using Angular 6, back-end using Web API, and Database Design.
* Handled Front-end components using Angular 6, Bootstrap, HTML5, and CSS3.
* Created UI pages with Angular Material and Angular Font Awesome.
* Designed & developed using HTML5, CSS3, EXT JS, JavaScript, XML, AngularJS, NodeJS, JSP, JSON, Vue.js, JSF, J2EE and Ajax.
* Created materialized views like primary key, rowid, and sub query materialized views.
* Configure SDE connection for Database and ARCGIS Server integration using ARCGIS SDE.
* Developed web applications running on NodeJS using the Express framework, Vue.js and Backbone.js with Mustache.js for front end MVC/templating.
* Developed responsive client-side application to integrate with server side using JavaScript, jQuery, AngularJS, Node. js, Vue. js and Bootstrap.
* Experience with COSMOS, SCOPE and Cosmos Power Shell.
* Experience working with ORM tools like nHibernate and Entity Framework.
* Worked with Entity Framework EDMX and ORM tool nHibernate for creating objects from database table.
* Knowledge experience with other NoSQL Databases.
* Expertise in writing Packages, Stored Procedures, Functions, Views and Database Triggers using SQL and PL/SQL in Oracle.
* Work with cross functional teams planning, modeling, and implementing solutions utilizing NoSQL technologies.
* Migrated Database from SQL Databases (Oracle and SQL Server) to NO SQL Databases.
* Working on Azure for highly available customer facing B2B and B2C applications.
* Extensively worked on Explain Plans and various hints for Performance tuning.
* Designed and consumed WCF Web-services using C# and XML to handle transactions with central data-base.
* Involved in development of application using Angular and Node JS.
* Migrated SQL Server 2008 database to Windows Azure SQL Database and updating the Connection Strings based on this.
* Configure SDE connection for Database and ARCGIS Server integration using ARCGIS SDE.
* Create SnapLogic pipelines to extract, transform, and load data from multiple sources into one data platform.
* Used Version control tool Team foundation server (TFS) for the entire development cycle.
* Developed the UI for various modules using HTML, JavaScript, ASP.NET, C#.Net, ADO.NET, CSS and Telerik Controls.
* Have created Windows form (Winform) application to create state level access database from Nation level access database.
* Extensively worked on developing applications using Azure.
* Developed a DQ Monitor using PowerShell which sends out a daily status email.
* Data Factory for on-perm to Azure SQL and Azure SQL to Microsoft Cloud Internal Implementation COSMOS.
* Used ANGULAR 2+ to 8.3, JQuery, JSON, HTML, XML, JavaScript, AJAX and CSS, SCSS, ag-Grid, React JS, BOOTSTRAP 3,4, Ngx-Bootstrap on the front end.
* Implemented Model-View-Controller (MVC) architecture with Angular 6 and separated functions into different modules according to their purposes.
* Bundling and minification using Webpack 2.
* Extracted data from Confidential NoSQL and COSMOS DB database.
* Developed the application in ASP.NET, C#, VB.Net, Web Services, Ajax, ADO.NET and SQL Server.
* Created web API's in MVC 5.2 and used elastic search to query.
* Performing System Testing, UI Testing, Database Testing, API Testing, Functional and Regression Testing of various modules.
* Designed and worked with team to implement ELK (elastic search, log stash and Kibana) Stack on AWS.
* Migrate WinForms GUI Project, ProteoformSuite, to WPF project. Design new responsive windows and fix previous GUI bugs.
* Hands on experience with AWS services like EC2, S3, RDS, VPC, ELB, EBS, Cloud Watch, and Auto scaling
* Migrated OnPremise databases to Azure SQL Server and Configured Azure SQL Server Firewall for Performance Tuning.
* Developed SnapLogic Pipelines to ingest records from Oracle Database into Cloudera Hadoop Cluster.
* Integrated WCF services to enable effective communication.
* Experience with ESRI Web API for JavaScript.
* Involved in Regression Testing for every change in modules.
* Performed various kinds of testing, such as Black box, Smoke box, Regression, Integrated, System, Backend validation, End to End and Acceptance Testing etc.
* Automating and debugging the regression and smoke test scripts for the major releases.
* Developed WCF code from java scripts to have same or similar functionalities as the previous website.
* Used Eager Loading and Lazy Loading for the routing of some components as per the uses of the different navigation tab in Angular 4.
* Have good handson experience in Design Patterns and SOLID principles.
* MarginCenter was developed using XAML (WPF 4.0) with MVVM as Architectural Pattern, Prism 4.
* Configuring Network, Security, Storage and Azure extensions for Virtual machines.
* Followed TDD and Agile methodologies
* Lead the planning and development of business application in ASP.Net C# for front end following MVC pattern like JQuery, JavaScript and AJAX for UI, SQL server2008 for back end, SSRS for developing reports.

**Environment:** Angular4,6,7,8,9, .NET Framework 4.0, ADO.NET, React JS, Visual Studio 2012, MVC 5.0, EC2, WCF, WPF, SQL Server 2014, Multithreading, JavaScript, CSS3, HTML5, TFS.SOLID Principles, Infragistics7.0

**Role: Sr. .Net Developer**

**Client: Carrier Global Oct 2017-Sep 2018**

**Location: Charlotte, NC**

**Responsibilities:**

* Designed interactive ASP.NETMVC views using jQuery, HTML, CSS, Angular JS, React Js, Bootstrap and AJAX to provide excellent user experience.
* Used MVC Razor engine and Angular.
* Configure ARCGIS Web Map service to Arc GIS Server.
* Implementation of dependency injection for decoupled database communication.
* Using Single Page application architecture.
* Integrated ArcGIS Web Map service with Silverlight application using ARCGIS Server and display map service to our application.
* Use of Node Server and IIS server for hosting Services in different environment as per client’s suitability
* Involved in unit & integration testing for different functional sections within application.
* Extensively used Selenium Webdriver API ( org.openqa.selenium.\*), Junit API (org.junit.\*) and TestNG API (org.testng.\*, org.testng.annotations.\*) to write test cases and automate all the test cases.
* Extensively worked with Windows Azure specifically on Blob, File storage and Hosted DB.
* Design and implement User Interface (UI) with WPF .net. Received positive feedback from current users.
* Conducted Integration testing for all the modules.
* Designed the agent portal using framework angular 2 along with HTML and CSS3 new features like the multi-column layout.
* Developed form validations on server side and client side using Angular 4.0.
* Skilled in SOLID Design Principles, Object Oriented Design, Utilization of Design Patterns (Singleton, Factory, Abstract Factory & Dependency Injection), Database schema as well as Web design, with Responsive design skills and UX web application development.
* Performed the User Acceptance Testing (UAT).
* Designed REST services using Web API.
* Implemented client-side validation.
* Create the application UI using client-side technologies like JavaScript, jQuery, Angular 4.0, CSS3, HTML5 and AJAX.
* Used Angular 4.0 and Type Script for control validations and data format checking.
* Transformed values display within a template by using Pipes of Angular2.
* Created new API interfaces using WCF and document all the API's.
* Expertise in Azure infrastructure management (Azure Web Roles, Worker Roles, SQL Azure).
* Created and developed web pages using Python Django Frameworks.
* Design an Architecture for consume Salesforce API in SnapLogic ETL tool.
* Used Python and Django for creating XML processing, data exchange and business logic implementation.
* End to End UI development usingHTML5, CSS3, JSON and Angular4.
* Created extensive unit test, integration and regression tests.
* 1+ years’ hands-on experience in Cloud native applications design and development using Azure Cloud, Service Fabric, ASP.NET Core, MicroServices, 12-Factor app principles.
* Implemented AWS high-availability, fault tolerance using AWS Elastic Load Balancing (ELB), which performed balance across instances in multiple availability zones.
* Implemented WPF and Silverlight Distributed Applications
* Developed efficient substring search using property-preserving encryption & pairing-based Cryptography.
* Devised data structures & protocols based on SOLID principles.
* Written templates for AWS infrastructure as a code using Terraform to build staging and production environments.
* Followed Agile and TDD
* Generated SSRS reports
* Active participation and interaction with manager and Subject Matter expert and other team, for requirement gathering, the functional and non-functional parameters, affecting the application.
* Enhanced several productionVB.NET Windows applications, including SQL Server changes, Crystal Reports
* Creating alarms and monitors in AWS CloudWatch service for monitoring the Servers Performance, CPU Utilization, Disk Usage etc.
* User Interface modules is developed using ASP.net 2.0, ADO.Net, VB.NET and Javascript.
* Experienced in Service designing in WCF and developing using ADO.NET technology.
* Active participation in designing, modelling and documentation of application.
* Worked with the Senior Architect to finalize the architecture of the application.
* Created new API interfaces using WCF and document all the API's.
* Designed the user interface and communicational codes for remotely controlled digital price tag in Delphi.
* Implementation of dependency injection for decoupled database communication.

**Environment:** Angular2,4, Typescript, NodeJS, React Js, Webpack, Visual Studio 2015, VSCode editor, SOA, Gulp, Python, Bootstrap (UI bootstrap, CSS, etc.), C#, MVC5, Web API 2, VB.Net, EF, ASP.NET Core 1.1, Telerik, AWS Elastic Load Balancing (ELB), controls, SSRS.

**Role: .Net Developer**

**Client: Biogen Aug 2016 – Sep 2017**

**Location: Cambridge, MA**

**Responsibilities:**

* Designing data-model and architecture for large-scale Master-Data-Management web-app
* Developed service-oriented architecture using C# WCF web-service to process XML-based data change alerts.
* Lead UI design and refactoring.
* Wrote serverside components to encapsulate the business logic in VB.Net.
* Mentoring team in T.D.D. via code-reviews and code-metrics (coverage, complexity).
* Improved C# ASP.NET web-app responsiveness via JQuery, AJAX, and optimized JS
* Improved C# app performance 200% by using threads and object caching.
* Development and deployment of MVC / Angular JS application on Azure PaaS.
* Experience in maintaining the application in AWS.
* Wrote View models, code behind, models and done designing in .xaml for the WCF project.
* Used Entity Framework to perform CRUD operations on the SQL Server 2012 database.
* Developed React JS/ .NET web application using JavaScript, ASP.NET MVC 5, C#, Visual Studio.
* End to end frontend development using Angular JS with cutting edge HTML5 and CSS3 techniques
* Used ASP.NET MVC 4.0 for building scalable standards-based web applications.
* Expertise in Functional, Regression and Black Box testing and having experience on White box testing.
* Used Cryptography using Mat lab to increase the performance an accuracy with minimal data loss.
* Worked with Agile development model.

**Environment:** .NET Framework 4.0, ASP.NET, Mid-Range (Autosys & shell scripts), ADO.NET, React JS, Visual Studio 2012, MVC 4.0, WCF, SQL Server 2014, JavaScript, CSS3, HTML5 SSIS, SSRS, IIS 8.0, TFS.

**Role: .Net Developer**

**Client: Birla Soft Sep 2010 – Jul 2016**

**Location: Hyderabad, INDIA**

**Responsibilities:**

* Designed and implemented application using ASP.NET Web Forms, C#, HTML, CSS3, ADO.NET, JQuery, User Controls and AJAX
* Implemented the N-tier architecture, e. g Presentation Interface (UI), Business Logic Layer (BLL), and Data Access Layer (DAL)
* Written several packages using SSIS 2008 for data migration and ETL process.
* Created Stored Procedures, Triggers and Views in SQL Server.
* Designed and developed architecture and framework for Data Access, Exception Handling, Logging and Session Management in the application
* Responsible for User Management Application and Administration, created an Authentication & Authorization system based on user groups.
* Designed, developed and migrated SSIS 2008 to SSIS 2012 packages.
* Developed SSIS packages and scheduled jobs running SSIS packages using SQL Server to perform several scheduled tasks and workflows.
* Implemented Web Services and WCF to use in the application for critical operations.
* Implemented interactive views using JQuery, HTML5, CSS3, AJAX and Bootstrap.
* Worked on SQL Server Agent, scheduled SQL JOBS and automated SSIS packages execution on daily basis and implemented logging framework.
* Extensively used Entity Framework for data layer.
* Uses TFS for source control.
* Involved in creating database objects like tables, stored procedures, views, triggers, and user defined functions for the project which was working on.
* Analyze the client requirements and translate them into technical requirements.
* Gathered requirements from the end user and involved in developing logical model and implementing requirements in SQL server 2000.
* Data migration (import & export - BCP) from text to SQL server.
* Responsible for creating reports based on the requirements using reporting services 2000.
* Identified the database tables for defining the queries for the reports.
* Worked on SQL server queries, stored procedures, triggers and joins.
* Identified and defined the datasets for report generation.
* Formatted the reports using global variables and expressions.
* Deployed generated reports onto the report server to access it through browser.
* Maintained data integrity by performing validation checks.

**Environment: Environment:**  Visual Studio 2010, ASP.NET 4.0/3.5, ADO.NET, C#, WCF, SSIS, Web Services SQL Server 2008, AJAX, XML, and JQuery, MS SQL 2000, Windows server 2000, SQL Query Analyzer, MS Access 2000 & Windows NT platform.