****

**Ashok Kumar Gadde**

**Role: Sr. Full Stack Lead Principal Cloud Developer**

**ashokdotnetclouddev@gmail.com**

**901-213-7747**

|  |  |
| --- | --- |

**Summary:**

* 12 years of experience in Analysis, Design, Support and Development.
* Extensive experience in the design and development of N-tier Client Server application architecture using **C#, ASP.NET, VB.Net, XML/HTML, JavaScript, CSS, Jquery** ,**XML**, **Web services, WCF, WEB API, OData, MVC, Entity Framework, LINQ, Knockout JS, NodeJS, ReactJS, AngularJS and Angular 6/7/8/9/10/13/16/17**.
* **Visual Studio 2012** using with **SVN** and **TFS.**
* Expertise in **Visual Studio** .Net environment and Microsoft .Net Framework 2.0/3.0/3.5/4.0.
* Worked on **TypeScript** to develop both **Angular** and **React** applications.
* Intermediate level experience in developing Single Page Applications using Angular 5/6.
* Worked on developing applications using .Net Core.
* Diverse experience in all phases of software development life cycle **(SDLC)** especially in Analysis, Design, Development, Testing and Deploying of applications
* Expertise knowledge on Object Oriented Programming **(OOPS)**.
* Proficient in building Web Services using **SOAP & REST** and Expertise in consuming and publishing Web Services & Web Server Controls.
* Involved in Unit testing using **nUint, xunit, msunit**.
* Proficient developing applications using **MVC, Blazor server** - side and **WEB API** with Entity Framework
* Developed SSIS 2008 packages to export and import test data from search core engine ofConfidential internal database.
* Created various performance metrics and configured notifications using CloudWatch and SNS.
* Worked on implementing **Okta SSO** using **AWS Cognito** and **Azure B2C**.
* Worked on creating Dynamic queries using **Dynamic SQL** technique.
* Worked with Azure Logic Apps, Application Insights, Azure Functions, API Integration.
* Hands-on experience with AWS RDS, Lambda functions, API Gateway, Cognito.
* Proficient in implementing connected and disconnected architectures of **ADO.NET** by using classes like **DataAdapter,DataSet,DataReader** etc
* Second Project to resolve ongoing problem with Sit-Minder security and Fuse Box & ColdFusion-MX (Digital-Doc.-RFS SQS Color-docs and SQS-Interiors).
* Worked on CI/CD pipelines using **Jenkins, Kubernets** and **Azure Pipelines**.
* Extensive experience in **Oracle 11g, 12c and 19c** and **SQL Server database 2008 R2/2013.**
* Hands-on experience in installing, configuring, managing, upgrading and migrating, monitoring and troubleshooting SQL Server 2013/2008 R2.
* Hands on experience in **creating Stored Procedure, Views, Triggers, User Defined Functions, Performance optimization**.
* Deploying ASP.Net Core web application and API to ECS Fargate using an Azure DevOps pipeline.
* Involved in complete application stack in Amazon Web Services (AWS) like EC2 53 Bucket.
* Varied experience with different NoSql databases like **MongoDB**, **DynamoDB,** **Cosmos DB & Google Data Store**.
* Experience in using Source Code Control Systems like **MS Visual SourceSafe** and **Team Foundation Server (TFS)** and Proficient in writing **Unit Test Cases** for Business logic
* Expertise in writing test plans covering all the possible scenarios and automate them at all levels of testing like unit,integration,Functional,Compatibility and also having knowledge on TTD.
* Expertise in understanding user requirements and translating business requirements into technical solutions with excellent problem solving and troubleshooting capabilities.
* Worked with Azure data factories utilizing the resource groups in Azure to work with **Azure Insights**.
* Utilized **TOAD** to create and run queries from different database servers from different databases like **Oracle, SQL, Ingres** etc.
* Worked on creating **Azure Databases** to load and perform **ETL** jobs in **Azure data factories**.
* Created **pipelines** to perform data transformation activities utilizing stored procedures and processed raw data to perform predictions.
* Worked on creating **SSIS packages** in Azure to load the data and perform ETL.
* Utilized **Linked Services** in **Azure Data Factory** to link different data stores with the data factories.

**Technical Skills:**

* **ProgrammingLanguages:**C#.Net 7.2/6.0/5.0/4.0/3.0,VB.NET 10.0/9.0/8.0/6.0, PL/SQL, SQL.
* **Web Technologies:** ASP.NET 4.7/4.5/4.0/3.5/2.0, ASP.Net Ajax 3.0/2.0, Javascript,Jquery, Angular JS, Angular 8/13/16/17, NodeJS, ReactJS, Knockout JS and MVC 5.0/4.0/2.0, HTML 5, CSS, Bootstrap Web Api.
* **Xml Technologies:** XML, XAML,XDOCUMENT, XSD.
* **IDE Tools:** Visual Studio 2019/2017/2015/2013/2012/2010/2008, Sql Server Management Studio 17.8/17.0/16.5/16.3.
* **Databases:** MS SQL SERVER 2017/2016/20142012/2008,Oracle 19c/12c/11g/10g, MongoDB, DynamoDB, CosmosDB, PostGRESQL, IngresSQL.
* **Servers:** Windows 2012/2008, Microsoft IIS(8.0/7.0/6.0/5.0).
* **Middleware:** ADO.NET4.0/3.5/3.0/2.0,MSMQ,WebServices,Enterprise Library 4.1/3.1
* **Software Methodologies:** Agile Methodology using Scrum, Waterfall methodology
* **Version Control Tools:** Team Foundation Server(2017.2015,2012,2010), TortoiseSVN 1.10, Git.
* **Cloud Environments:**
**Azure** (Azure Functions, Logic Apps, B2C, Azure Kubernetes Services, Azure Container Registry, Azure Service Bus, Azure Event Hub, Azure Cost Calculator, Azure Arc, Azure Policy, Azure Key Vault. Azure Devops, Azure Pipelines, Azure Virtual Machines, Cosmos DB, Azure Monitor, Azure Application Insights, Azure Log Analytics, Apache Kafka, Azure Blob Storage),
**AWS** (AWS EC2, AWS Elastic Kubernetes Services, AWS Lambda, AWS API Gateway, AWS Amplify, AWS S3 Buckets, SQS, AWS DynamoDB, AWS Cognito, AWS Cloud Watch, AWS X-Ray, Confluent Kafka)
**GCP** (Apache Kafka, Google Kubernetes Engine, Google Cloud Functions. Kubernetes Engine Monitoring, Google Artifactory Registry, Google Cloud Trace, Google Cloud Debugger, Google Cloud Profiler, Google Pub/Sub, Google Cloud Storage)

**Education:**

Bachelor of Engg in Computer Science, JNTU – India

M.S. in Computer Science, University of Memphis – Memphis, TN

**Professional Experience :**

**Client: LPL Financial Sep’22 – Till Date**

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

**Client Works**

**Description:** This project deals with the internal dashboard of the advisors who guides the clients of LPL Financial in investing in different kinds of stocks/

**Responsibilities:**

* Worked on developing backend micro services using .net 6.0, 7.0 & 8.0.
* Worked on implementing **CI/CD** pipelines using **Jenkins, Teamcity, Octopus & Github Actions**.
* Monitoring the pods, services, nodes, virtual services into the EKS cluster.
* Applied different kubernetes techniques to maintain the performance testing, like **container resource utilization, response wait times, replica sets**.
* Developed multiple **AngularJS components** loading data from the **backend, asynchronously**.
* Integrated with **firewall teams** in routing the requests and connecting on-premise applications with the cloud applications.
* Developed multiple **Kafka components** to pass the data from on-premise applications to the third party vendors through the **AWS EKS APIs**.
* Designed multiple recursive **consumer components in Kafka** and deployed them as **windows services** into the **EKS environments**.
* Managed the **kubernetes** pods **scaling**, performance, **cpu & memory** resource utilizations.
* Designed **Octopus** pipelines to deploy the APIs & frontend applications into both on-premise servers and **EKS** environment.
* Worked with **SQS messaging Queue Service** to send and receive messages between different applications and APIs hosted in the **Kubernetes & Lambda** services.
* Configured the **CI CD** pipelines using the **Yaml Files, docker files.**
* Created the **Kafka Producer & Consumer** applications and maintained the performance of the applications in **Kubernetes**.
* Scaled the **Kafka** Producer & Consumer applications and re-utilized the same applications for different kafka topics.
* Deployed APIs into **Lambdas** by triggering the **S3 buckets** for notifications.
* Implemented **Clean Architecture** in developing the .net microservices utilizing the **Mapper, Mediator, Circuit Breaker**.
* Integrated **Rest APIs with Graph QL** to interact and get data faster from different sources.
* Designed the database in **MongoDB**, **PostGRESQL**, to save the requests and responses from the third party vendors.
* Worked with the **Performance Team** to improve the quality of applications being maintained in the **EKS environments**.

**Environment:**Visual Studio 19/22, AngularJS, JSON, MongoDB, PostGRESQL, SQL Server .Net 6/7/8, REST APIs, AWS, Docker, Agile Scrum, AWS EC2, AWS Lambda, AWS S3, Elastic Kubernetes Services, SSIS, Bootstrap 4, CSS, Clean Architecture, Circuit Breaker, Teamcity, Jenkins, Octopus, GitHub Actions, SQS, Confluent Kafka.

**Client: Radancy Aug’21 - Sep’22
Role: Sr. Full Stack .Net Lead Principal Developer
Career Builder

Description:** Worked on developing multiple microservices dealing with a Career Builder Portal
**Responsibilities:**

* Worked on developing backend micro services using .net 5.0, 6.0.
* Worked on implementing **Azure CI/CD** pipelines using both traditional approach and Azure Tasks approach.
* Responsible for maintaining and expanding AWS (Cloud Services) 53 infrastructure using AWS (SNS. SQS).
* Experience in design and development of applications using .NET Framework, C#.NET, ADO.NET,LINQ, Visual Studio 2003/2005/2008, AJAX, SQL Server 2008, UML.
* Used different Telerik Rad Controls, FreeTextBox in **Visual Studio** applications and Sitefinity.
* Designed, build and deployed applications utilizing AWS EC2, Route53, S3, RDS, DynamoDB, Lambda, SQS and IAM etc.
* Proficient with front-end design tools like **AngularJS**, **Angular, Material, Ui-Grid, Bootstrap, MatBlazor, CSS** and **KendoUI.**
* Setup development environment using latest **Blazor.Net** with **Asp.NetCore 3.0**
* Worked on maintaining the **Azure Kubernetes Services** and deploying the applications into the cluster through continuous deployments.
* Worked with **Azure Cosmos DB** in maintaining the student repository and worked with **EF core** to have ORM mappings of database in the .net applications.
* Implemented the **CQRS** architecture to work on the backend microservice and exposed it through a **Swagger**.
* Designed, developed and migrated **SSIS 2008** to **SSIS 2012** packages.
* Developed Single Page Applications (SPA) using JavaScript Framework Angular, jQuery, Blazor Web Assembly and Bootstrap CSS.
* Working extensively in AWS Service Objects - EC2. ECR. ECS, $3. Fargate, DynamoDB.
* Developed **SSIS** packages and scheduled jobs running **SSIS** packages using **SQL** Server to perform several scheduled tasks and workflows.
* Migrated Current deployment pipelines to AWS Fargate and AWS ECS from Elastic beanstalk using Terraform commands.
* Good knowledge on Microservices. AWS (Amazon Web Services), working with EC2. RDS. DynamoDB. S3. Cloud watch and Docker.
* Developed **Angular micro services** at the front end to interact with the backend microservices.
* Worked with **Azure Key Vaults** to store configuration values and Database Keys.
* Worked on deploying the microservices to **App service** and expose it as an endpoint hosted in **Azure**.
* Worked with **Bicep Templates** in creating **AKS Cluster** and **ACR Tasks**.
* Integrated frontend and backend applications by utilizing **Azure AD** & worked on identity management using **Azure B2C**.
* Created ACR **Tasks** to run the **CI pipelines** and generate a docker image to store in the **Azure Container Registries** for both front end and back end applications.
* Configured deployments into **Azure Kubernetes Clusters** using **Pod Managed Identities** from the images created and stored in ACR Registries.
* Worked on maintaining different SQL stored procedures and **SSIS packages**.
* Worked with **Hangfire** to perform multiple background jobs.
* Written several packages using **SSIS 2008** for data migration and **ETL** process.
* Worked with **Azure CI/CD** pipelines to migrate the deployment process from traditional TFS to Azure Repositories & deploying into the **Azure Kubernetes Service**.
* Configured and managed various AWS Services including EC2, RDS, VPC. S3. Glacier, CloudWatch. CloudFront, Route53, SQS, SNS etc.
* Worked as a Developer in the team for designing and developing the application using Microsoft advanced technologies MSFT Visual Studio .Net, C#, ASP.NET3.0, SQL Server and Microsoft Visual SourceSafe.
* Monitored the **health of pods in Kubernetes** using **dynatrace.**
* Worked on **SQL** Server Agent, scheduled **SQL JOBS** and automated **SSIS** packages execution on dailybasis and implemented logging framework.
* Designed and Architected highly available, cost effective and fault tolerant systems using multiple EC2 instances. Auto Scaling groups, Elastic Load Balancers and AMIS.
* Created ACR Tasks to create docker images from the **Azure Pipelines**.
* Generated Pod Managed Identities to manage the deployments in the AKS.
* Created responsive Web Applications using **Bootstrap 4**, CSS and jQuery.
* Utilized both ADO.NET & **Entity Framework** to interact with databases.
* Worked with **Amazon Web ServicesElastic Search** to save logs.
* Worked with **DynamoDB** to save payloads between different APIs.
* Worked on generating various reports & scheduling the reports to access from the front end by using **Crystal Enterprise**.
* Performed **ETL Tasks** utilizing **Crystal Reports** through **SSIS packages**.
* Created various Linq Queries working with multiple queries & joins.
**Environment:**Visual Studio 2017/19, Angular, JSON, Cosmos DB, .Net 5, Blazor Server-side Git, REST API, Azure, Docker, Agile Scrum, Azure Container Registry, Azure kubernetes Services, SSIS, Crystal Reports, Bootstrap 4, CSS.Git, REST API, Azure, Docker, Agile Scrum, Azure kubernetes Services, SSIS, Crystal Reports, Bootstrap 4, CSS.

**Client: ThyssenKrupp, Memphis, TN Sep’20 – Aug’21**

**Role: Sr. Full Stack .Net Lead Developer, Onsite Development Coordinator**

**Vendor Services Dashboard**

**Description:** This application deals with the coordination and internal usage of different services provided to the Vendors.

**Responsibilities:**

* Developed Single Page Applications using Angular 8 to interact with APIs.
* Created responsive Web Applications using Bootstrap 4, CSS and jQuery.
* Created APIs in .Net Core 3.1 using the CQRS Architecture and implemented the microservices.
* Written several transformations, sorting, PIVOTS, SCRIPT TASK, SQL COMMAND, SQL tasks using SSIS 2008.
* Integrated applications deployed in **AWS EKS** to communicate with the AWS provided messaging service **SQS**.
* Managed the **SQL database** deployed into the **Amazon RDS** for scaling and maintainability.
* Utilized Entity Framework 2.0 to interact with databases and create entities.
* Utilized Git to manage different versions of applications, environment specific applications and code reviews.
* Utilized Kubernetes to deploy Node JS and .Net core APIs as AWS lambda functions and later exposed them as APIs.
* Developed and hosted microservices developed in NodeJS into AWS lambda.
* Exposed lambda functions as APIs using AWS API Gateway.
* Utilized JSON objects to pass data between APIs and Frontend.
* Worked with **Sql** database to create stored procedures, triggers.
* Coordinating with the Testing Team Offshore to test the test cases and assigning the defects to the concerned developers in fixing them.
* To achieve Continuous Delivery goal on high scalable environment, used **Docker**coupled with load-balancing tool **Nginx.**
* Utilized **IBM DataPower** Gateway to pass the requests between **on-prem and Cloud environments** and to communicate with **external vendors**.
* Worked on creating **Okta SSO** through **Amazon Cognito** using **Open ID** authentication and utilized the SAML as identity provider.
* Worked with **Graph QL** to fetch the data asynchronously and interacting with **Web Sockets**
* Utilized **Graph QL** to run asynchronous **Batch Jobs** using **Background services** in **Web APIs** & **console applications.**
* As a project that deals with manufacturing domain, the design of the project had to **Domain Driven** as it was mostly depending on the different kinds of vendors and their collaborative interactions.
* Utilized **DynamoDB** as the backend while dealing with applications in Cloud.
* Worked on **Jenkins** to perform **CI/CD** from repositories in **Bi Bucket** to **AWS** Cloud
* Develop components in **Angular** using **Typescript.**
* Worked on passing access tokens and refresh tokens from Okta to Angular application through **AWS Cognito**.
* Gathering Requirements from the client coordinating with the Information Management Team, Internal Users Team.
* Created Azure Logic Apps to send automatic emails and trigger events.
* Coordinating with developers in Onsite & Offshore to develop the applications.
* Guiding the developers in fulfilling the Tasks.
* Used **JSON**objects to save values related to the Grants.
* Developed the Applications using **MVC**Architecture.
* Built Dynamic View for MVC using **JQuery**.
* Worked with **Ingres**and Azure Cosmos DB databases for Online Application Filing.
* Worked with Oracle 1gc for Grant Management System, to extract data using stored procedures.
* Coordinating with the Testing Team Offshore to test the test cases and assigning the defects to the concerned developers in fixing them.
* Developed WEB API’s using Entity Framework Core 2.1 in .Net 2.2.
* Created Stored Procedures using **Dynamic Sql** technique assigning multiple values to params.
* Worked on developing UI applications with Angular 7.
* Worked on Kubernetes Docker container to do continuous integrations and continuous deployments.
* Hosted **Microservices** on **Azure Cloud** to integrate and expose from Azure as an **API**.
* Worked on **Angular** using **Typescript** to make API calls in the **Azure cloud**.
* Integrated UI applications with WEB API using Angular 7 and React JS.
* Worked on developing functional & class based components using React JS.
* Implemented different **React libraries** to populate **calendars, tables** etc.
* Created Pipelines using yml to do deployments into Azure Cloud.
* Deployed APIs into Azure Cloud as Azure functions and managed APIs in Azure.
* Worked on Azure Streaming Analytics with Event Hubs to send output to PowerBi Dashboard.
* Provided production support for existing applications and earlier versions.

**Environment:**Visual Studio 2015, Visual Studio 2017, MVC, Azure Logic, jQuery, JSON, Angular 7, React JS, Typescript,.Net Core 2.2, EF Core 2.1, Ingres Database 11, Azure Cosmos DB, Oracle 19c, Azure DevOps, Kubernetes, Docker, Azure Functions, Visual Studio 2017/19, MVC, jQuery, Angular8, Typescript, JSON, Sql, .Net Core 3.1, Git, AWS lambda, AWS API Gateway, AWS SQS, AWS RDS, AWS EKS, REST API, Jenkins, Docker, Agile Scrum, DynamoDB.

**FedEx Corporation, Memphis, TN Jul’18 – Sep’20**

**Role: Full Stack .Net Developer**

**Project(s): Valet Metrics**

**Description:** The project deals with the metrics of the organization related to the effective utilization of the resources (no. of pickups, no.of drop offs, overtime of the employees, scheduled hours and scheduled tasks and their implementations. Etc.). It provides the information about the count of these metrics and the percentage ratios of the actual implemented values to the planned values.

**Responsibilities:**

* Converting applications developed in VB.Net to C#.Net.
* Worked on creating **windows forms**.
* Converted win forms from VB.Net to C#.Net.
* Worked on creating Windows Installers for all the related softwares that are able to be deployed in Windows 10 Operating System and 64-bit as well.
* Configuring and loading the data related to the devices from Excel.
* Creating and maintaining the generated pdf reports of the devices in the intranet network.
* Worked in all phases of documenting like SRS, STP, STR, TDD, etc.
* Involved in Requirements gathering, Conceptual Design, Analysis, and Detail design,Development & Testing.
* Worked on extracting the date from **Excel** using **Entity Framework**.
* Used LINQ in getting data from entities.
* Responsible for deployment in production and resolving post-deployment issues.
* Design and development enhancements of a Web Application using **ASP.NET, ASP.NET**

**WebForms, C#, MVC, Ajax, JavaScript, Bootstrap, jQuery.**

* Worked on converting Services like **WCF, REST API** from **VB.NET** to **C#**.
* Worked on developing new Services using **WCF**.
* Worked on creating **Google Cloud Functions** to run and integrate different services.
* Worked on converting Windows Applications to Web Applications (ASP.NET & Angular 6).
* Worked on converting Applications in **.Net-to-.Net Core 2.0**.
* Worked on consuming services from **Angular 6** application.
* Implemented **SPA** applications using react libraries and components.
* Worked with **React State management** using **Redux Framework** to update the UI in real time.
* Utilized **Angular** written in **Typescript** to work on two-way binding, custom directives.
* Worked on creating various static Web Methods to dynamically call services from UI.
* Utilized jQuery and JavaScript to dynamically interact with the server from the client, asynchronously for all the later changes after the page gets loaded.
* Developed PL/SQL stored procedures to pull the data from synonyms created on the tables in another database.
* Worked with NoSQL **DataStore,** to save and maintain the data on new applications.
* Worked on styling the application using **CSS, Bootstrap**.
* Worked on JavaScript, jQuery to make features work dynamically.
* Worked on creating Entity Framework & dbml files to interact with the database.
* Worked on **JIRA** platform to perform on the tickets.
* Worked with **CamStar** Application to configure the menu items.
* Created DevOps pipelines using OMS, NSG Rules to deploy applications into **Google Cloud using Cloud Build**.
* Worked on implementing **Okta SSO** creating an application reference in Okta with SAML authentication.
* Developed microservices in **.Net Core** and deployed them into **Google Cloud Functions & Kubernetes Engine**.
* Worked with Cloud Build pipelines in deploying the code from Google Cloud Service Repositories into Cloud Functions & Kubernetes pods.
* Implemented **Okta SSO** through **Google Cloud Identity** utilizing the SAML from Okta.
* Design and developing Web Application using **C#, MVC, Ajax, JavaScript, jQuery and SSIS.**
* Implemented front end using MVC 4.0, HTML, CSS, JavaScript, AngularJS, NodeJS, ReactJS, AJAX and Web Form Controls to create web pages and the Master Pages.
* Developed single page applications using Angular 5 to consume the APIs developed in .Net Core & Python.
* Utilized jQuery and JavaScript in displaying the numbers dynamically, asynchronously for all the later changes after the page gets loaded.
* Developed PL/SQL stored procedures to pull the data from synonyms created on the tables in another database.
* Worked on creating class based components and implemented parent - child component structure in **react** based applications.
* Handled param values passing between parent and child components to manage the data between **react** components.
* Built & Ran SSIS Packages to pull huge data from another database and created the synonyms to be accessible for the stored procedures on local databases.
* Worked on styling the application using CSS and JavaScript.
* Worked on converting the code from ASP.NET Web Forms into MVC views for similar applications.
* As a Retail Domain project, the classes objects utilized and the way data models were built are driven keeping Domain aspects as the main concern, to bring out a Domain Driven Design application.
* Used Entity Framework in passing data between database and C# code.

**Environment:** C#, MVC,NodeJS, AngularJS, Angular, ReactJS, dbml, SSIS, Visual Studio 2015/2017, VSTS, IIS, Entity Framework, Team Foundation Server, JavaScript, jQuery, Oracle 12c, Net Core 2.0, ASP.Net, C#, Angular 6, Google Kubernetes Engine, Angular JS, ReactJS, Redux, WCF, Rest API, dbml files, Visual Studio 2015/2017, VSTS, IIS, Entity Framework, Team Foundation Server, Agile Scrum, JIRA JavaScript, jQuery, Bootstrap, Oracle 12c, Google Cloud Functions, DataStore, Cloud Build, Artifactory Registry, Cloud Deployment Manager, Google Cloud Source Repositories, Google Cloud Identity, MongoDB.

**Client: Ericsson, Hyderabad, India Aug’15–Aug’17**

**Role: .Net Developer**

**Project(s): Sourcing WorkBench**

**Description:** The SWB application deals with displaying and organizing the different raw materials from different vendors and the maintenance of the raw materials. Every interaction with the vendor will be performed through the application like Agreement, Stock Management, Payment etc. All the required details will be displayed on the web pages using a third-party grid named Telerik. The WCF services related to Agreement, Payment etc. were developed and utilized in managing the information related to raw materials.

**Responsibilities:**

* Developing the web application using MVC Architecture using C#
* Using**ADO.Net Entity Data Model** in retrieving data using **LINQ to SQL** and **LINQ to Objects** with ASP.NET, worked with the database using LINQ to SQL.
* Developing **Views** and **Partial Views** for the web application in ASP.NET and Code Behind pages using C#
* Developed the WCF services for Agreement, payment required to implement the application.
* Involved in Requirements gathering, Conceptual Design, Analysis, and Detail design, Development.
* Using **Layout Pages** and CSS to maintain the uniformity in web forms of the application.
* Using **jQuery Controls, Telerik Grid** and **HTML5 Controls.**
* Developing **View Model** Classes
* Creating custom, general use modules and components which extend the elements and modules of AngularJS.
* Using **NuGet Package Manager** Console to update the database changes.
* Designed and developed a full-scale reporting solution for a multi-client environment using MS **SQL Server 2008/2012 and Oracle 12c.**
* Utilized **TOAD** to integrate different databases from SQL and Oracle.
* The Telecom models like details of the vendors, kinds of equipment’s vended and used from different vendors, the application was Driven with a Domain specific development.
* Created, implemented and maintained a reporting suite of over **72 standard reports** while also **customizing many reports to meet individual client needs**.
* Created **dashboards for Sales, Marketing, Finance and Production** using benchmarked data to provide an analytical snapshot of point in time data.
* Assembled and converted user requirements from multiple clients into our standard reporting solution and customized specific client requests when necessary.
* Responsible for Database design, and creation of Stored Procedures, triggers in **SQL Server 2012.**

**Environment:**ASP.NET, C#, MVC 5, Entity Framework 4, NuGet, MVC Report Viewer, LINQ to SQL, .Net Framework 4.0 CSS, SQL Server 2008/2012, Oracle 12c, TOAD, ADO.NET, AJAX, Visual studio 2012/2013, Telerik RAD Grid, JavaScript, jQuery, AngularJS and TFS

**Client: Humana, Hyderabad India Jun’13–Aug’15**

**Role:.Net Developer**

**Project(1): EMME(Enterprise Message Monitoring Ecosystem)**

**Description:** Different vendors of Humana will send the information they would like to send to the client through the EMME application through any one of the mediums like Fax, Message, Secure Message, e-mail, mail. The information can be sent in two different ways either as an interactive message (which contains only one message to one client) or as a bulk (containing different messages related to different clients). While entering the information into the interactive application, the vendor selects the pre-defined rules on which the format of the message depends. In a bulk application, an excel sheet containing all the messages, client’s information & respective rules will be placed into a file server from where the application takes the file and processes the messages.

**Responsibilities:**

* Design and developing Web Application using **ASP.NET, C#, MVC, Ajax, JavaScript** and **jQuery.**
* Involved in developing**WCF Services**topullrules, clients and messages related information.
* **Developing the application using MVC, Entity Data Model**
* Using**ADO.Net Entity Data Model**in retrieving data using **LINQ to SQL** and **LINQ to Objects** with ASP.NET, worked with the database using LINQ to SQL.
* Developing **Views** and **Partial Views** for the web application in ASP.NET and Code Behind pages using C#.
* Worked on developing Rest APIs using .Net Core 1.0.
* Worked on generating and executing queries and stored procedures using **Dynamic SQL**.
* Involving in Requirements gathering, Conceptual Design, Analysis, and Detail design, Development
* Using **Layout Pages** and CSS to maintain the uniformity in web forms of the application.
* Experience in**Writing code** and **debugging** skills with **ASP.NET**, **C#.**
* Involved in implementation of Object-Oriented Concepts during the development.
* **Implemented UI using MVC 4.0, HTML, XML, CSS, JavaScript, AngularJS, AJAX and Web Form Controls to create responsive web pages, developed Master Pages.**
* Using jQuery and JavaScript for implementing client-side validations at Controller level.
* Using jQuery JSON for dynamic User Interface, retrieval and posting of data.
* **Used Team Foundation Server 2012/2015 for Source Code Control, project related document sharing and team collaboration.**
* Implemented .Net Security features of Authentication and Authorization using .Net Membership.
* **Coding and Tuning the queries, Stored procedures and functions, Triggers using Oracle PL/SQL.**
* Offshore coordinator for Agile Scrum calls.
* Implemented Data Access Layer using Entity Framework to connect, retrieve and update the data from Oracle database.

**Environment:** ASP.Net, C#, MVC, WCF, Rest APIs, .Net Core 1.0,Entity Framework, Visual Studio 2015/2017,IIS, ADO.Net, Team Foundation Server, HTML, JavaScript, jQuery, Agile Scrum, Oracle 12c.

**Project(2): Electronic Data Interchange Tool**

**Description:** Humana isone of the leading organizations in the field of Healthcare in the United States. A Tool related to EDI has been developed for the Humana client. The standards 820 related to payment information and 834 related to customer registrations were implemented in the application. The application takes two excels as inputs; one the information related to all the customers, and the other the information related to the standards 820 or 834. It takes the two excels as inputs and generates an output notepad file containing the information related to the clients as per EDI standards in EDI format.

**Responsibilities:**

* Developing a windows application using **C#.**
* Involved in developing the Windows Forms.
* Utilized **Entity Framework**toget the information from the excel**.**
* Used **LINQ to Excel** and **LINQ to Objects** with ASP.NET, worked with the database using LINQ to Excel.
* Involved in Requirements gathering, Conceptual Design, Analysis, and Detail design, Development.
* Involved in testing the application.
* Implemented **Object Oriented concepts**, Generics and Reflection in C#.NET.
* Implemented **Agile Development methodology** and **Test-driven Development.**
* Performed unit testing on every new version before sending it for **User Acceptance Test (UAT)**
* Responsible for deployment of the Application in production and resolving any post-deployment issues.
* Provided estimates, daily & weekly status report to the client on progress of the tasks.
* Successively implemented the Tool and provided it to the customer as a Value-add.

**Environment:** Win Forms, C#, .Net Framework 2.0, Entity Framework, LINQ, Excel, Visual studio 2008, SVN Tortoise.

**Client: Ventana, Hyderabad, India Feb’11– Jun’13**

**Role: .Net Developer**

**Project(s): Ventana Software Systems**

**Description:** Involved in developing the Ventana APS system which delas with testing the cancer related tumors on a machine which gets operated through the APS system. The APS system should interact with the machine to give instructions and get notifications and should have the complete control on the machine. The APS sytem should be able to work as per the instrutions from the APS system like closing the lid, working on the labels only after requested number of labels are placed by the laboratory incharge.

**Responsibilities:**

* Designed and developed Web Application using **ASP.NET, C#, Ajax, JavaScript, Knockout JS**
* Designed **Three Tier** Software Architecture with **Business Logic, Middle Tier in Dot net, SQL Database Server**
* Used **IIS server** to send automatic e-mail & created classes in **VB.NET, C#** to control the communication of SMS message.
* Used Style sheets and Master Pages for achieving uniformity throughout the application.
* Worked with **User Controls, Validation Controls, Web Controls, Server Controls,** and **Grid Views**
* Wrote **SQL queries**, **Stored Procedures** and **Triggers**, which will execute against a database to extract the appropriate data for each report.
* Used **Java Script** for client-side validation on the data prior to being submitted to the database.
* Used Team Foundation server for Version Control.
* Coded new System test procedures for the production and test environments of broadly classified modules.

**Environment:** C#, .Net Framework 4.5, ASP.Net, Visual Studio 2015, PL/SQL, IIS, ADO.Net, Team Foundation Server, HTML, JavaScript, Knockout JS, MS SQL Server 2013.