**Aishwarya J**



**Senior Full Stack .Net Developer**

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**PROFESSIONAL SUMMARY:**

* Over 10+ years of strong IT professional working experience in object-oriented design, development of web and window-based applications using .NET technologies.
* Experience in all phases of **Software Development Life Cycle (SDLC)** from investigation of initial requirements through analysis, design, programming, testing documentation and implementation.
* Extensive experience in using .Net components and developing software applications with **C#, VB.NET, .NET Framework (4.7/4.6/4.5/4.0/3.5/2.0), .NET (7.0/6.0/5.0), ASP.NET Core (3.1/3.0/2.1/2.0), ASP.NET MVC, PL/SQL, ADO.Net, Entity Framework, ASP.NET Web API, WCF, WPF, LINQ, XML, SQL Server Database (2022/2019/2016/2012), Oracle (11g), Web Services, WinForms, Visual Studio (2010/2012/2015/2019/2022), NoSQL (MongoDB, Azure Cosmos DB, Amazon Dynamo DB).**
* Proven expertise in designing and implementing **RESTful** and **SOAP-based web services**, facilitating seamless data exchange and integration across diverse platforms.
* Developed **API specifications** using Swagger Editor, defining endpoints, request/response payloads, authentication methods, and error handling.
* Expertise in **ASP.NET MVC** and worked with Views, Partial Views, Strongly Types Views and implemented Controllers, Actions Methods, Filters and Routing.
* Developed robust and scalable **WPF applications** by implementing the **MVVM** pattern, ensuring a clear separation of concerns and improved maintainability.
* Extensive experience in front end technologies like **HTML5, CSS3, JavaScript, AJAX, JSP, jQuery, Kendo UI controls** and other JavaScript libraries (**Angular JS, Angular, React JS, Bootstrap**).
* Extensive Experience in designing and developing the Reusable User Controls (.ascx), Customer Controls in **ASP.Net Web Pages/Forms**.
* Experience with OOP/OOD (Object Oriented Programming and Design) like Inheritance, Polymorphism, Encapsulation, Abstraction and Design patterns like Abstract factory, Singleton, 3-Tier, N-Tier and **Service-Oriented architecture (SOA)** applications.
* Implemented micro frontend architecture to break down monolithic frontends into smaller, independent, and scalable modules.
* Hands on experience in **ETL**, Creating Jobs, Packages, and **Reporting Services (SSRS), Integration Services (SSIS), Analysis Services (SSAS)** on SQL Server Database.
* Experience in creating **SQL** objects like Tables, Stored Procedures, Views, Indexes, Triggers, Cursors, User defined data types and Functions in **Transact SQL** and **PL/SQL**.
* Expertise in writing complex **SQL queries** and involved in performance query optimization for complex queries.
* Worked on SQL Server Database security, Performance Tuning and Database Migration.
* Experience in using **Language-Integrated Query (LINQ)** and **Entity Framework** by retrieving data from different data sources (**LINQ to Objects, LINQ to SQL**).
* Proficient in implementing connected and disconnected architectures of **ADO.NET** by using classes like Data Adapter, Dataset and Data Reader.
* Have ample of experience in developing **Crystal Reports** for report generation and integrate into .NET applications.
* Experience in implementing.NET Security features like **Authentication ad Authorization** using Form-based, Windows Authentication.
* Possesses a strong background in Continuous Integration/Continuous Deployment (CI/CD), Azure Cloud, AWS Cloud, microservices architecture, **Docker, and Kubernetes**.
* Successfully deployed applications on Cloud Services, including **Microsoft Azure and Amazon Web Services (AWS)**, utilizing advanced **CI/CD** practices through Azure DevOps, Azure Pipeline, and AWS Code Pipeline.
* Good knowledge on **AWS (Amazon Web services)**, working with **EC2, RDS, Dynamo DB, S3, Cloud watch**.
* Proficient in deploying and managing Kubernetes clusters on AWS using EKS. Experience in configuring worker nodes, managing pod scheduling, and integrating with other AWS services.
* Experience in automating batch computing workloads on AWS. Proficient in defining job queues, job definitions, and compute environments to efficiently run batch jobs at any scale.
* Designed and implemented cloud-native solutions using Azure Platform as a Service (PaaS) offerings, including **Azure App Service, Azure Functions, Azure SQL Database, Azure Cosmos DB, and Azure Storage.**
* Experience in Azure for system Deploying, Operating and Maintaining compute, network and storage in the Microsoft Azure environment using Microsoft Technologies.
* Developed automation scripts and deployment templates using **Azure CLI, PowerShell, or Azure Resource Manager (ARM)** templates to provision and configure Azure Batch environments.
* Developed **NuGet** packages for sharing the common functionality across the components.
* Possesses a good understanding of various workflow models such as **Agile (SCRUM), DevOps, and Waterfall**, contributing to the successful execution of diverse projects throughout the career.
* Experience in code versioning tools like **Team Foundation Server (TFS), Microsoft Visual Source Safe (VSS), Git, GitLab, GitHub, Azure DevOps**.
* Developed comprehensive project documentation in **Confluence**, including technical specifications, user guides, and meeting notes and **Jira** for bug tracking.
* Used **Jenkins and TeamCity** for continuous integration and **Octopus** Deploy for deployment, ensuring that the application is deployed consistently across all environments.
* Demonstrated commitment to implementing quality assurance standards and testing methodologies, including hands-on experience in automated testing in collaboration with QA teams.
* Strong knowledge on software best practices like **Test Driven Development (TDD)** and continuous integration and mainly worked on NUnit/Mock and MS Test Projects.
* Ability to work within a fast-paced environment, and interact supportively within a team, problem solving skills (debugging and troubleshooting), fixing bugs in application, and involved in **Unit testing**.
* Expert in **debugging** an application using debugging tools provided by Visual Studio .NET framework.
* Proficient in handling responsibilities such as knowledge transfer, code review, compliance to best practices & standards, technology mentoring, assisting team members and customer training.
* Enthusiastic and Quick to learn new applications and tools and willing to take individual responsibilities.
* A good team player with strong ability to learn and adapt new skills and makes efforts to do the work at hand and manage time effectively.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Microsoft Technologies** | .NET Framework (4.7/4.6/4.5/4.0/3.5/2.0), .NET (7.0/6.0/5.0), ASP.NET Core (3.1/3.0/2.1/2.0), ASP.NET MVC, PL/SQL, ADO.Net, Entity Framework, ASP.NET Web API, LINQ, Web Forms, Windows Forms, WCF, WPF, Web Services, REST APIs, SOAP |
| **Programming Languages** | C#, VB.NET, C, Visual Basic 5.0/6.0 (VB6), T-SQL, PL/SQL |
| **Web Technologies**  **/Client Scripting** | HTML/HTML5, CSS/CSS3, CSHTML, Bootstrap, JavaScript, jQuery, Angular, Angular JS, React JS, XML, JSON, XSLT, XAML, AJAX, Kendo UI. |
| **Database Technologies** | SQL Server 2012, 2016, 2019, 2022, Oracle 11g, (T-SQL, PL/SQL, Stored Procedures, Triggers, DML, DDL, SSIS, SSRS, SSAS), Azure SQL, NoSQL (MongoDB, Azure Cosmos DB, Amazon Dynamo DB), SQL Server Management Studio |
| **Operating Systems** | Windows 11/10/8.1/7, macOS, Linux. |
| **Cloud Technologies** | Microsoft Azure, Amazon Web Services (AWS), Microservices |
| **Application Servers** | IIS 10, 8.5, 8, IIS Express, Windows Server. |
| **Version Control Tools** | Team Foundation Server (TFS), Microsoft Visual Source Safe  (VSS), Git, GitLab, GitHub, Azure DevOps. |
| **Other Software/Tools** | Jenkins, Docker, Kubernetes, Team City, Octopus, UML, MS  Visio, SharePoint, Visual Studio 2010/2012/2015/2019/2022,  MS Office |
| **Reporting Tools** | JIRA, SSRS, SSIS, Crystal Reports |
| **Testing Tools** | Unit Testing, NUnit, Mock, MS-Test, Postman, SOAPUI, Selenium |
| **Methodology** | Agile Methodology, Waterfall Model, Object Oriented Analysis and Design |

**PROFESSIONAL EXPERIENCE:**

**Client: CareSource, Dallas, Texas Jun 2023 – Till Date**

**Senior .Net Developer**

**Project Description**: The Telemedicine Platform to aimed at transforming healthcare accessibility by enabling remote consultations, video calls, and secure medical record sharing. The platform featured high-quality video conferencing, robust user authentication, and integration with Electronic Health Records (EHR) systems, providing a complete view of patient history. Analytics were incorporated to optimize virtual practice and improve patient outcomes. The secure, user-friendly, and scalable platform received positive feedback from healthcare professionals and patients, significantly enhancing healthcare accessibility and patient care.

**Responsibilities:**

* Played a key role in the complete **Software Development Life Cycle (SDLC)** and **Agile** methodologies, analysing requirements, and defining business rules based on user needs.
* Designed and developed various abstract classes, interfaces, classes to construct the business logic in Model using **C#** and the **.NET Core 6**, including **ASP.NET Core Web API** for **microservices** architecture.
* Utilized Microsoft .NET design patterns including **Dependency Injection (DI)** and **MVC (Model, View-Controller)**.
* Utilized **Entity Framework's** code-first approach to create and maintain data models, ensuring agility and maintainability.
* Designed and developed User Interface using **JSON, JavaScript, HTML5, CSS3, AJAX, Bootstrap and Angular 13**.
* Implemented Angular Service calls using **Angular Factory** and implemented client-side UI validation and business logic based on user selection using **jQuery** UI and **Angular 13**.
* Implemented **Router** Module of Angular to make the whole project a **Single Page Application** **(SPA)** and add routers according to the requirements.
* Leveraged Angular resources for all data access, encapsulating URLs, and standardizing data access interfaces. Created custom directives for re-usable components (multi-filed form elements, background file uploads, etc.
* Used Angular Templates, directives, Routing and navigation, Components, Services and Data binding concepts.
* Utilized Selenium to perform browser compatibility testing across different platforms and devices.
* Worked on design and implementation of services using **WCF SOAP\REST**, creating **REST APIs** using **ASP.NET Web API**.
* Implemented **OAuth 2.0** to secure **RESTful APIs**, ensuring data protection and access control while enabling third-party developers to build and integrate applications.
* Implemented **JSON** as a data transmission format, optimizing server-to-web application communication and providing an alternative to **XML** Serialization.
* Developed various services in angular that consume **REST APIs** and **Graph QL** services from the backend written in .NET. Also Used reusable components and guards to better accommodate the complete web application.
* Implemented Graph QL subscriptions to enable real-time data updates, enhancing the responsiveness of the application and integrated Graph QL with existing RESTful services to provide a unified API layer, simplifying data access for frontend applications.
* Used **High charts** and **D3.js** for creating Graphs and charts according to JSON/ Raw data provided by clients
* Used **Microservice** architecture, based services interacting through a combination of REST APIs and leveraging AWS to build, test and deploy Identity Microservices.
* Involved in creating, modifying, and updating database tables in **MS SQL Server 2019** and also store the data that has been extracted and querying those tables with the use of **T-SQL**.
* Developed **Stored Procedures, Triggers and Views** in SQL Server for accessing the database.
* Developed many **T-SQL** queries to fetch data as per the business requirement with proper tuning techniques and enhanced applications performance by constantly monitoring the queries by running **Execution plans** and **Query optimization** techniques in SQL Server.
* Used **LINQ** to build set of operations, parameters, and expression during execution a set of data from SQL Server.
* Worked with **NoSQL** databases like **MongoDB** and loaded data to **MongoDB** using automated scripts.
* Involved in Complete Application Stack in **Amazon Web Services (AWS)** like EC2, S3 Bucket.
* Responsible for maintaining and expanding AWS (Cloud Services) S3 infrastructure using AWS (SNS, SQS).
* Defined **API Gateway** triggers to expose Lambda functions as RESTful API endpoints, enabling HTTP access to backend services.
* Monitored **AWS Lambda** function invocations, durations, and errors using **AWS CloudWatch** metrics and logs.
* Used Source Code Control Systems like **TFS** (Team Foundation Server) and **GIT**.
* Prepared Technical design document, use cases, Test cases and User manuals for various projects and worked on Bug fixing issues, participated in Code reviews, and Unit testing.
* Involved in Defect Causal Analysis for Testing Defects and involved in Root Cause Analysis for Production issues.
* Collaborated with data analysts and stakeholders to design and develop **SSIS** packages for data integration and transformation.
* Enhanced and maintained **SQL Server Reporting Services** (**SSRS**) reports to provide critical retail insights, customized to meet the specific needs of various business units.
* Created **PowerShell scripts** for analysing application logs, diagnosing issues, and generating detailed troubleshooting reports.
* Practiced **Test-Driven Development (TDD)** methodologies using **NUnit** to ensure high code quality and minimize defects in retail software solutions.
* Leveraged **Postman** for streamlined testing, integrating it with **CI/CD** pipelines to contribute to faster release cycles and improved software quality.
* Initiated and troubleshooted Continuous Delivery builds in **Jenkins** through **JIRA** tickets.
* Through experience using **NuGet** Package Manager, also Build and deploy applications that have **NuGet** packages using TFS.

**Environment**: SDLC, Agile, C#, ASP .NET Core 6, ASP .NET MVC, Entity Framework, ASP.NET Web API, Microservices, Dependency Injection (DI), JSON, JavaScript, HTML5, CSS3, AJAX, Bootstrap and Angular 13, jQuery, SPA, SOAP, RESTful, WCF, OAuth 2.0, JSON, XML, Graph QL, MS SQL Server, T-SQL, LINQ, NoSQL (Mongo DB), AWS, EC2, S3, SNS, SQS, Lambda, Gateway, Cloud Watch, TFS, GIT, Unit Testing, SSIS, SSRS, PowerShell, TDD, NUnit, Postman, CI/CD, Jenkins, Jira, NuGet, Visual Studio 2019.

**Client: Northern Trust, Chicago Jul 2021 – Jun 2023**

**Senior .Net Developer**

**Project Description:** The Automated Investment Advisory platform successfully democratized access to personalized financial advice, empowering users to make informed investment decisions. This project involved creating a user-centric and technologically advanced solution to provide automated investment advice tailored to individual user preferences and financial goals. Its user-friendly interface, backed by robust backend processes and personalized algorithms, garnered positive feedback and increased user engagement.

**Responsibilities:**

* Worked in an **AGILE** and **SCRUM** environment, regularly attending Status Meetings and updating daily status in an internal web portal.
* Proficiently developed client-side applications using **HTML5, CSS3, Bootstrap4, JavaScript, jQuery**, **AJAX, Kendo** and integrated business logic utilizing **WCF**, **REST** **Web API and ADO.NET**, **SQL Server 2019.**
* Responsible in designing and developing the application using **C#, .NET Core 5, ASP.NET MVC, and Microservices**, **Visual Studio 2019**
* Created and developed UI components within **single page application (SPA**), by using **ES6, ReactJS, Redux Store**.
* Worked in building frontend UI for the React application and used **React Hooks, Forms, Events, React Router, Flux, Redux and native React concepts**.
* Developed **routing** and **Lazy Loading Single Page Application** and Developed View templates using **React** Forms for Better Perform in Rendering.
* Involved in developing **Restful APIs** using ASP.NET and **ASP.NET Core Web API**.
* Implemented **WCF** Rest service by passing large file as method argument through **JSON**.
* Developed several **SOAP** and **REST API** based internal tools to enhance quality and performance of existing code base and deployed in **Cloud Foundry**.
* Used **ADO.NET** Connection, Command, Datasets, Data Adapter, Data Reader, and XML to retrieve and store data in **SQL Server**.
* Created database in SQL Server and created **stored procedures, functions, views** and also used **Joins**, **CTE’s** to write complex queries.
* Created **SSIS** packages and migrated between different databases and also involved in creating reports using **SQL Server Reporting Services (SSRS**).
* Implemented **ETL** processes between **Amazon Dynamo DB** and **MS SQL Server 2019**.
* Designed and implemented end-to-end automation of infrastructure and continuous delivery of the applications by integration Cloud Formation **Scripts**, **Jenkins** and **Amazon Web Services (AWS).**
* Good Experience on hosting applications on **AWS** cloud.
* Configured and integrate AWS services such as **AWS Cognito** for user authentication and authorization, **API Gateway** for REST API management, **AWS CloudFront** for content delivery and, implemented security measures using **AWS IAM** for access control.
* Wrote Vagrant **Scripts** to spin up servers on the Developer workstations and in AWS.
* Implemented asynchronous communication and event-driven architecture using **AWS SQS** and **SNS** for reliable message delivery and event notification.
* Configured monitoring and logging using **AWS CloudWatch** to monitor application performance, detect anomalies, and troubleshoot issues proactively.
* Implemented **CI/CD** pipelines utilizing **GitLab**, **AWS Code Pipeline**, and **AWS Lambda** to automate the build, test, and deployment procedures.
* Utilized **Jira** for defect/issues logging & tracking and documented all work using **Confluence**.
* Worked with the QA team for **Unit Testing** and **Integration Testing** of different modules.
* Actively involved in testing the web services using **Postman**.
* Good experience in working with **unit testing** frameworks like **NUnit**.
* Conducted Code Reviews (manual) to implement performance and coding conventions guidelines, ensuring code quality.

**Environment**: Agile, Scrum, HTML5, CSS3, Bootstrap4, JavaScript, jQuery, AJAX, Kendo, WCF, REST Web API and ADO.NET, SQL Server 2019, C#, .NET Core 5, ASP.NET MVC, Microservices, Visual Studio 2019, SPA, React JS, ASP.NET Core Web API, SOAP, REST, Could Foundry, ADO.NET, stored procedures, functions, views, joins, SSIS, SSRS, Jenkins, Amazon Web Services (AWS), AWS Cognito, API Gateway, AWS CloudFront, AWS IAM, SQS, SNS, AWS CloudWatch, GitLab, AWS Code Pipeline, AWS Lambda, Amazon Dynamo DB, Jira, Confluence, Unit testing, Integration testing, Postman, NUnit.

**Client: State of Texas, Texas Jan 2018 - Jun 2021**

**.Net Developer**

**Project Description**: Led the development of a robust and user-friendly Electronic Health Records (EHR) system aimed at optimizing healthcare providers' efficiency in managing patient records. Designed and implemented a comprehensive platform that ensures secure storage, seamless retrieval, and efficient management of patient information. The system prioritizes user experience, streamlining data entry, and retrieval processes, ultimately enhancing the overall workflow of healthcare professionals. Project is industry-leading security measures to safeguard sensitive patient data, ensuring compliance with healthcare regulations.

**Responsibilities:**

* Implemented a robust **Service-Oriented Architecture (SOA)** framework by leveraging **Windows Communication Foundation (WCF)**.
* Involved in the creation of Web applications typically **ASP.NET** using **C#**, **MVC** framework, **Visual Studio 2015, .Net Core 5**.
* Collaborated within an **Agile Scrum** team to design and develop a user-friendly interface also used **ReactJS, Hooks, Bootstrap, HTML5, CSS3, ES6, JavaScript, jQuery** for developing UI interfaces which are mobile responsive and which are cross browser compatible and used **React Router** for URL routing.
* Worked on creating the Master pages with new Icons, Logos, Buttons, Colors, Images, and Fonts for look and feel of the application using SASS styles, HTML5.
* Designed and developed **Entity Framework** Code-First approach with Repository-Pattern based backend and used **Restful** and **Web APIs** as a communication technology to the client-side and also consumed Web APIs to overcome numerous issues and expand capabilities to existing legacy code.
* Implemented **JWT Token based authentication** to secure **ASP.NET Core Web API** and provide authorization to different users.
* Extensively used **Delegates** and **Events** to establish communication between the existing legacy WinForms.
* Created Database Tables and have written **SQL Queries, Stored Procedures** for all the Transactions in and out of the Database Using **SQL server** and **Cosmos DB** to store and display.
* Used Cloud computing platforms like **Microsoft Azure** for building, deploying and managing applications and services and also implemented **Microservices** using .NET Core in Azure.
* Worked on Azure Cloud resources such as **Azure SQL Database, Azure Blob** for storageand **Azure Web Apps**.
* Migrated **SQL Server 2016** to database to **Azure SQL Database** and updated the Connection String.
* Created **Azure Functions** and published using App Services.
* Configured input and output bindings of **Azure Functions** with **Azure Cosmos DB** to read and write data from the container whenever the function executes.
* Integrated **Azure DevOps** for continuous integration and continuous deployment (**CI/CD**) pipelines, automating build, test, and release processes.
* Leveraged **Azure Logic Apps** for orchestrating workflows and integrating data and services across cloud and on-premises environments.
* Developed **Power Shell** Scripts using Azure for Automated Deployment of Developed Packages.
* Used tools like **Prettier** for code formatting and **Jest** for unit testing.
* Ensured code quality and adherence to coding standards using **Sonar Cloud**.
* Responsible for a diverse and challenging set of assignments encompassing a full range of information technology analysis, design, development, implementation, and maintenance work related to the customer’s databases and application.

**Environment**: SOA, WCF, ASP.NET, C#, MVC, .Net Core 5, Entity Framework, SQL Server 2016, Visual Studio 2015, Agile, Scrum, ReactJS, Hooks, Bootstrap, HTML5, CSS3, ES6, JavaScript, jQuery, REST, Web API, JWT, Delegates, Events, SQL Queries, Stored Procedures, Microsoft Azure, Microservices, Azure SQL Database, Azure Blob, Azure Web Apps, Azure Functions, Azure DevOps, CI/CD, Azure Logic Apps, Power Shell, Prettier, Jest, Sonal Cloud, Azure Cosmos DB.

**Client: Dillards, Little Rock, Arkansas May 2016 - Dec 2017**

**.Net Developer**

**Project Description**: In the Product Management Services project, efficiently managing the product catalog is crucial for the online store's success. This service handles key product management tasks, including organizing the catalog into logical categories and attributes for easy navigation. It ensures accurate and up-to-date product information, such as descriptions, specifications, pricing, and images, often using specialized tools. Additionally, it aids in inventory management by tracking stock levels, setting reorder points, and preventing stockouts or overstock situations.

**Responsibilities:**

* Used a hybrid of **waterfall** and **incremental** model as the **SDLC**.
* Successfully analysed the specifications provided by the clients and organized initial set of requirements into master list of Use Cases.
* Involved in requirement gathering, functional and technical specification.
* Worked on designing the **n-tier architectures** (UI, Business Logic Layer, Data Access Layer) along with some experience with **Service-Oriented Architectures (SOA).**
* Worked on developing an application using **Visual Studio 2015, .Net Framework 4.5, VB.NET, SQL Server 2012, ADO.NET**, **MVC, Web Services, ASP.NET MVC, ASP.NET Web API.**
* Created web pages for various work streams using **Angular JS, AJAX, JavaScript, jQuery, CSS, HTML** and connected them with business logic layer.
* Used **Angular JS** framework for implementing the data binding of the employee list and projects list screens in Internal HR Application. Used **ADO.NET** objects such as **Data Adapter, Data Reader and Dataset** for consistent data access.
* Developed web forms using ASP.NET server controls and validated client side using **Java Script.**
* Consumed different ASP.NET Web APIs to retrieve customer’s information and other application related information.
* Created **WCF, WCF Rest Services** and also used different bindings to make it available to diverse types of clients and hosted on **Windows IIS Server**.
* Developed Forms on client project using **binding and dependency property** of **WPF**.
* Developed .NET Security features for **Authentication & Authorization, Forms-based Authentication, and Authorizing Users**.
* Written Database routines, **stored procedures** and fixing up standard specifications.
* Created Azure Web Application projects, updated and deployed ASP.NET Web Apps using **Visual Studio, GitHub, and Azure Resource Manager**.
* Worked on preparing reports using the **Crystal Report** for the report needed by Middle Office, Back Office users.
* Involved in enhancing the business layer to provide more interfaces and functions needed for the system.
* Used various tools for testing the developed code and performed several tests to fix the bugs and ensure the application error-free using **NUnit**.
* Configured **Docker** containers for packaging frontend and backend applications along with their dependencies.
* Defined **Docker files and Docker Compose files** to ensure consistent environments across development, testing, and production.
* Implemented **CI/CD** pipelines using **Jenkins** to automate the build, test, and deployment processes and used **GitHub** as the version control.

**Environment:** SDLC, Waterfall, n-tier architectures, SOA, Visual Studio 2015, .Net Framework 4.5, VB.NET, SQL Server 2012, ADO.NET, MVC, Web Services, ASP.NET MVC, ASP.NET Web API, Angular JS, AJAX, JavaScript, jQuery, CSS, HTML, Data Adapter, Data Reader and Dataset, WCF, WPF, Windows IIS Server, Stored Procedures, GitHub, Microsoft Azure, Crystal Reports, Docker, Jenkins, CI/CD, NUnit.

**Client: Sephora, San Francisco, CA Feb 2014 – April 2016**

**Junior.Net Developer**

**Project Description:** The project focused on creating innovative digital tools, such as virtual try-on features and personalized beauty consultations, to enhance the customer experience. Cross-department collaboration ensured smooth implementation and alignment with business goals. The virtual beauty consultation tools offer users personalized skincare and makeup routines based on their skin type and preferences, providing customized product recommendations and tips from Sephora's beauty experts. This feature aims to boost customer engagement and loyalty, reinforcing Sephora's leadership in the beauty industry.

**Responsibilities:**

* Used **ASP.NET, C# and JavaScript** to develop web applications.
* Used **C#** and **Oracle 11g** to design and develop various abstract classes, interfaces, classes to construct business logic.
* Used **Object Oriented Programming (OOP)** and **Design patterns**.
* Developed Data Access Layer in **C#** to do the entire database related operations and used **ADO.NET** objects to connect the database and access data.
* Involved in designing the User Interface using **CSS, HTML and Razor View Pages.**
* Developed UI/Components/Classes/Methods/Functions for the application and Functionalities such as Data retrieval using disconnected record sets, using **ADO.NET/ASP.NET/Windows Forms/Web Forms/Server controls**.
* Implemented design patterns like **Factory, Dependency Injection and Singleton**.
* Developed **stored procedures and Triggers** in **Oracle 11g** **(PL/SQL)** and developed classes for connecting to the **Oracle 11g** database.
* Created **Crystal Reports** on the web page by accessing the database.
* Implemented Unit Testing, Integration Testing and System Testing using **NUNIT**.
* Implemented Version controlling using **Microsoft Visual Source Safe (VSS).**

**Environment**: Visual Studio 2012, C#, ASP.NET, ADO.NET, .NET Framework, HTML, CSS, Razor View Pages, Web Forms, JavaScript, jQuery, Web Services, IIS, Oracle 11g, PL/SQL, N-Unit, Crystal Reports, Microsoft Visual Source Safe (VSS).