**Akbar Shaik**

**.NET Full Stack Developer**

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**Spring, TX (Open to Relocate) |** [LinkedIn](https://www.linkedin.com/in/akbar-shaik-a6b581189)

**Professional Summary:**

* Around 12 **years** of experience in Analysis, Design, Development, Implementation and Testing of various stand-alone, Client-Server and Web Based Software applications using Microsoft Technologies including **.NET Framework, .Net Core, Web API, OData Micro-services, ASP.NET, ASP.NET MVC, .NET Core, C#.NET, ReactJs, Angular, SignalR, Java Script, jQuery, Type Script, Kendo UI**, **ADO.NET, LINQ, ORM (Entity Framework, Entity Framework Core, NHibernate), MS SQL, Oracle and My SQL, NUnit.**
* Extensive hands-on experience of **OOP (Object Oriented Programming)** with **C#.**
* Extensive hands-on experience of developing applications in an **enterprise architecture** environment using **.NET framework** and **.NET Core** in **C#.**
* Extensive Experience in Waterfall methodology and **Agile Methodology** with **SCRUM** with tools like **Azure Boards, JIRA, Confluence.**
* Proficiency in utilizing and developing services that **integrate** with **SaaS** solutions or other **third-party applications**.
* Extensive hands-on experience of **Architecture and Design Patterns.**
* Solid understanding and application of **design patterns** and implementation strategies.
* Expertise in applying **SOLID** principles in software development.
* Experience developing applications with **Microservices** and **Service Oriented Architecture (SOA)**
* Extensive hands-on experience developing **Web Services**, **Microservices** and **REST** **API**s using **C#, ASP.NET Core Web API, WCF, ADO.NET, Entity Framework, Entity Framework Core, NHibernate and LINQ.**
* Extensive hands-on experience developing web applicationsusing **C#, ASP.NET, ASP.NET Core, React, Redux, JavaScript, jQuery, Type Script, HTML, CSS, XML.**
* Experience working on Enterprise Message Brokers/solutions with **NServiceBus, Azure Service Bus.**
* Extensive Hands-on experience with Data Modeling and development with writing **Stored Procedures**, **Triggers**, **Functions**, **Tables**, **Views** on **MS SQL Server, Oracle, My SQL.**
* Extensive experience in **T-SQL development**, including creating **views**, **stored procedures**, **functions**, and implementing **indexing** techniques.
* Proficient in generating test data and rigorously testing **T-SQL** code for accuracy and performance.
* Skilled in coding and troubleshooting **dynamic SQL Stored Procedures**.
* Developed, deployed, and maintain web applications, APIs, and mobile backends using .NET technologies within Azure App Service.
* Experienced in developing data visualizations and using **SQL Profiler** for performance tuning.
* Adept at database programming, developing business application processes, and writing **complex T-SQL queries** for **SQL Server databases** and **Oracle**.
* Experience working on **NoSQL** databases like **Elastic Search.**
* Experience working on **CI/CD** with tools like **Azure DevOps, Octopus.**
* Extensive experience working with DevOps, QA, UAT, Production Support teams to troubleshoot and fix various issues in all environments.
* Experience on microservices- Developed **Micro-services** to collect usage data from different data centers to bill clients of their cloud usage.
* Exhibited prowess in database management skills across **Oracle** and **SQL Server**, encompassing design, development, maintenance, performance tuning, and query optimization.
* Excellent communication, troubleshooting and **problem-solving** skills.
* Hands on working in the **Agile** **Environment**, been part of stand ups and **Backlog Grooming, Sprint Planning** sessions to come up with the best story point estimates
* Ability to **work independently or in a team** environment.

**Technical Skills:**

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| --- | --- |
| **MS/.NET Technologies**  | .Net Framework 3.0 – 4.8, .NET Core 3.0, .NET 5 – 8, C#, ASP.NET, ASP.NET MVC, ASP.NET Web API, ASP.NET Core, ADO.NET, REST API, XML & WCF web Services, Windows Forms, Entity Framework, NHibernate, MSMQ, NServiceBus, Azure Service Bus. |
| **Web technologies** | React, Redux, Angular, Bootstrap, AJAX, HTML, Type Script, jQuery, JavaScript, Bootstrap, MUI, Kendo UI. |
| **Development Tools** | Visual Studio 2008/2010/2012/2015/2017/2019/2022, SQL Server Management studio, Postman, SoapUI. |
| **Version Control**  | GIT, TFS, VSS |
| **Web/Application Servers** | IIS 5.0/6.0/7.0 |
| **Protocols** | HTTP, HTTPS, FTP, TCP/IP, SOAP, REST |
| **Databases** | MS SQL Server 2005, 2008, 2014 & 2017, Oracle 11g, MYSQL, Elastic Search, Snowflake |
| **Reporting** | MS SQL Server Reporting Service (SSRS), Crystal reports |
| **Operating Systems** | Windows 9x/2000/2003/XP/Vista/7/8/10, Windows Server 2003/2008/2012/2011 |

**Education:**

* Master of Computer Applications (MCA) – Andhra University – 2009.
* BSC-Electronics – Acharya Nagarjuna University - 2006

**Professional Experience:**

**Sr .NET Developer**

**JLL, Corrigo , USA Aug 2022 – Till Date**

**Project Description: Corrigo** is a comprehensive facilities management software solution designed to streamline and optimize maintenance operations for businesses of all sizes. It offers a wide range of features and functionalities to help organizations efficiently manage their facilities, assets, and workforce. Here's a brief overview of Corrigo's key features and benefits:

**Work Order Management:** Corrigo allows users to create, track, and manage work orders for maintenance tasks, repairs, and service requests. It provides a centralized platform for dispatching work orders, assigning tasks to technicians, and monitoring progress in real-time.

**Asset Management:** With Corrigo, organizations can effectively manage their assets, equipment, and facilities. It enables users to track asset information, maintenance history, warranties, and service contracts, ensuring optimal asset performance and longevity.

**Preventive Maintenance:** Corrigo offers preventive maintenance capabilities to help organizations proactively identify and address maintenance needs before they escalate into costly repairs. It allows users to schedule recurring maintenance tasks, set reminders, and track maintenance activities to minimize downtime and prolong asset life.

**Mobile Workforce Management:** Corrigo's mobile app enables field technicians to receive work orders, access job details, update task status, capture photos, and submit completion reports from anywhere, enhancing productivity and efficiency.

**Vendor Management:** Corrigo facilitates seamless collaboration with external service providers and vendors. It allows organizations to manage vendor contracts, track vendor performance, and ensure compliance with service level agreements (SLAs) to maintain service quality and cost-effectiveness.

**Reporting and Analytics:** Corrigo provides robust reporting and analytics capabilities to help organizations gain insights into their maintenance operations. It offers customizable dashboards, KPI tracking, and performance metrics to monitor key performance indicators and drive informed decision-making.

**Integration Capabilities:** Corrigo integrates seamlessly with other business systems and software applications, including accounting software, ERP systems, and IoT devices. It enables data sharing, workflow automation, and streamlined communication across the organization for enhanced efficiency and productivity.

* Overall, Corrigo empowers organizations to optimize their maintenance operations, improve asset performance, reduce costs, and enhance customer satisfaction through streamlined workflows, proactive maintenance strategies, and actionable insights.

**Responsibilities:**

* Involved in requirement gathering, requirement analysis, defining scope, and design by reverse engineering the existing application.
* Executed SCIM integrations across different client systems and Corrigo, facilitating seamless integration with Azure Active Directory.
* Developing Client **integrations** with the majority of our clients' third-party applications (SaaS).
* Involved in the creation of a lot of User controls and custom controls using C#, .Net Core that build up the pages.
* Established a Node.js job to load centralized data into Elasticsearch, leveraging the Elasticsearch data to populate BI Dashboards through an Azure Function utilizing .NET Core Web API.
* Created and deployed .Net Core, React, and Elastic Search using C# used them to generate various BI Dashboards.
* Designed and created models, components, modules, and services to apply client-side logic and dependency injection using
* Involved in coding and designing the React BI Dash board using MUI Components.
* Utilized C# generics, delegates, events, extension methods, anonymous types, and lambda expressions.
* Designed different components using C#.NET and built N-Tier architecture with extensive use of object-oriented programming techniques likes Inheritance, Interfaces etc.
* Implemented client-side Interface using ReactJS. 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
* Used Prime MUI DataGrid, and High charts controls for displaying the Metrix and reports in a clear analytical format.
* Worked on Built-in Generic CRUD Methods in controller and NHibernate CRUD Methods in Data Access Layer.
* Consumed Web API Services responsible for communicating and providing real time data from integrated servers to client applications.
* Used various bootstrap components like accordion, date picker, time picker, alert, buttons, modal and also react-bootstrap components.
* With the concept of ReactJs Worked on usage metrics and also end to end events tracing for analysis purpose.
* Developed a web application by using ASP.NET MVC, Web API with NHibernate in the environment of Visual Studio.
* Integrated Azure App Service with Azure DevOps for continuous integration and continuous deployment (CI/CD) processes
* Utilized LINQ to Entities extensively for data retrieving, Querying, storing and manipulation.
* Used NHibernate for database connectivity and populated back-end data using SQL Server.
* Created middle-tier layer using C# in .NET framework – developed Web API controllers, domains and interfaces for SQL Database.
* Established diverse integration services connecting Corrigo with client systems through event notification services, web hooks, and IFS (Integration Framework Services)
* Used SQL as database for writing SQL queries, TSQL, joins and stored procedures.
* Worked on Agile, SCRUM development methodology. Used GIT server for version control and to manage agile methodology.
* Performing analysis into the different stages of the system development life cycle in order to support development and testing efforts, identify positive and negative trends, and formulate recommendations for process improvements and development standards.

**Environment:** .Net. Core,Web API, C#.NET, NHibernate, Visual Studio, HTML5, CSS3, JavaScript, DOM, React, Redux, LINQ, SQL, TFS, Agile and Windows.

**Sr .Net Developer**

**EKA, India OCT 2019 – JUL 2022**

**Project Description: The Commodity Management System** (**CSM**) is a comprehensive solution designed to streamline the management of commodity transactions, connecting growers directly with client companies and providing warehouse solutions. The system offers a range of features to efficiently handle various aspects of commodity management

**Direct Grower-Client Connectivity:** The CSM platform acts as a centralized hub, facilitating direct communication and transactions between growers and client companies in the agricultural supply chain.

**Management of Growers and Clients:** CSM enables the management of different sets of growers and client companies, allowing for the registration, profiling, and tracking of their activities within the system.

**Transaction Management:** The system supports a variety of transaction types, including procurement, sales, transfers, and inventory adjustments, catering to the diverse needs of growers and clients.

**Sampling and Quality Control:** CSM includes features for sampling commodities received from clients or growers, facilitating quality assessment and compliance with industry standards.

**Weighbridge Operations:** Integrated weighbridge operations enable accurate measurement and recording of commodity weights during transactions, ensuring transparency and accuracy in quantity measurements.

**Charge Generation:** CSM automates the generation of charges for clients and growers for storage services provided at the site, taking into account factors such as commodity type, quantity, and duration of storage.

**Warehouse Solutions:** The system offers warehouse solutions to efficiently manage storage space for commodities, providing visibility into available capacity, utilization rates, and inventory levels.

* The Commodity Management System (CSM) plays a pivotal role in optimizing commodity transactions, enhancing operational efficiency, and fostering collaboration between growers and client companies in the agricultural sector. By offering a centralized platform for transaction management, quality control, and warehouse solutions, CSM streamlines processes and ensures seamless operations throughout the supply chain.

**Responsibilities:**

* Worked on continues integration and run unit test cases and build and release/deploy to associated environments (Development, QA, UAT, STE, PROD) and Release notes for every release.
* Employed C#.Net, ASP.Net MVC, Angular, TypeScript, JavaScript, jQuery, WCF, Web API, NServiceBus, SQL Server, and NUnit for diverse development tasks.
* Demonstrated proficiency in interpreting and comprehending high-level system design specifications.
* Implemented comprehensive business logic in C#.NET, emphasizing adherence to SOLID principles for code maintainability and extensibility.
* Executed coding tasks across various architectural layers to ensure seamless integration and functionality.
* Developed innovative components and functionalities using WinForms to enhance application capabilities.
* Designed and deployed user-friendly interfaces using jQuery and Bootstrap plugins, prioritizing usability and responsiveness.
* Played a pivotal role in database design endeavors, ensuring efficient data management strategies.
* Developed Responsive Web pages that are rich in user interactive using ReactJS, WebStorm, HTML5, and CSS3, JavaScript, Bootstrap, Git, and JSON.
* Implemented react application with routing and api implementation to consume .net rest api.
* Migrated UI application from JAVA Flash to ReactJS application
* Actively participated in code reviews, fostering collaboration and maintaining code quality standards.
* Contributed to performance optimization efforts through code refactoring and architectural enhancements.
* Provided guidance and mentorship to junior developers, facilitating their professional growth.
* Collaborated closely with stakeholders to gather and translate requirements into technical solutions.
* Conducted rigorous unit testing using NUnit to ensure software reliability and correctness.
* Facilitated the integration of external systems and services using Web API and NServiceBus for seamless communication.
* Engaged in Agile development practices, including sprint planning, daily stand-ups, and retrospectives.
* Maintained awareness of emerging technologies and industry trends to drive continuous improvement within the development team.
* Assisted in troubleshooting and resolving technical issues during development and deployment phases.
* Documented technical solutions, processes, and best practices to support knowledge sharing within the team.
* Collaborated with cross-functional teams to deliver integrated solutions and address project dependencies.
* Contributed to the creation and maintenance of technical documentation, including architecture diagrams and API specifications.
* Demonstrated strong problem-solving skills and a proactive approach to addressing technical challenges.

**Environment:** Azure Cloud, Visual Studio, .Net Framework 4.7, Framework Core 2.1.x, C#.Net, ASP.Net, Angular 8, CSS, HTML, JavaScript, Angular, SOAP, Web API, Unit Testing, Team Foundation Server

**Sr .Net Developer (Thermo Fisher Scientific)**

**Client: Fisher Clinical Services (Product Development), India SEP 2016 – SEP 2019**

**Project Description: The Global Project Management System** (**GPM**) is a specialized Enterprise Resource Planning (ERP) system tailored to the needs of the FCS organization. It serves as a comprehensive platform for integrating business data and processes into a unified system, encompassing hardware, software, and process documentation. GPM is designed to enhance operational efficiency and streamline various aspects of business management across multiple locations, including data centers in Horsham, Basel, and Allentown

**Integration of Business Data and Processes:** GPM integrates disparate business data and processes into a centralized system, providing a holistic view of organizational operations

**Inventory Management:** The system offers robust inventory management capabilities, enabling efficient tracking, monitoring, and optimization of inventory levels across multiple locations.

**Accounts Payable:** GPM streamlines accounts payable processes, automating invoice processing, vendor management, and payment reconciliation to improve financial efficiency and accuracy.

**Manufacturing:** GPM supports manufacturing operations by providing tools for production planning, scheduling, resource allocation, and quality control, ensuring smooth and efficient manufacturing processes.

**Human Resources Management:** The system includes features for managing human resources, such as employee data management, payroll processing, performance tracking, and training management.

**Supply Chain Management:** GPM optimizes supply chain operations by facilitating procurement, supplier management, demand forecasting, and order fulfillment, enhancing supply chain visibility and efficiency.

**Packaging and Distribution:** GPM includes functionalities for managing packaging, warehousing, and distribution processes, ensuring timely and accurate delivery of products to customers.

**Logistics:** The system provides comprehensive logistics management capabilities, including route optimization, transportation scheduling, tracking, and compliance management.

**Quality Control:** GPM enables organizations to implement quality control measures across all stages of the production and distribution process, ensuring compliance with industry standards and regulations.

* The Global Project Management System (GPM) serves as a strategic tool for FCS organization to streamline operations, improve productivity, and drive business growth. By integrating data and processes into a single system, GPM enhances efficiency and visibility across various functional areas, ultimately contributing to the organization's success and competitiveness in the industry.

**Responsibilities:**

* Involving in client calls to gathering requirements and clarification.
* Engaged in development tasks utilizing a range of technologies including C#.Net, VB.Net, ASP.Net, JavaScript, jQuery, XML, WCF, and SQL Server.
* Demonstrated proficiency in comprehending high-level system design specifications to inform development activities.
* Implemented comprehensive business logic using VB.Net, C#.NET, while adhering to SOLID principles for robust and maintainable code.
* Contributed to coding efforts across layered architecture to ensure scalability and modularity.
* Created new components and features using WinForms to enhance application functionality and user experience.
* Designed and implemented interactive user interfaces leveraging jQuery and Bootstrap plugins to ensure usability and responsiveness.
* Played a key role in the database design process to establish efficient data storage and retrieval mechanisms.
* Contributed to the development of procedures and scripts in SQL Server for data manipulation and management.
* Collaborated with team members to review code and ensure adherence to coding standards and best practices.
* Participated in the optimization of application performance through code optimization and database tuning.
* Assisted in the documentation of technical specifications, user manuals, and system diagrams.
* Conducted unit testing to verify the reliability and functionality of implemented features.
* Provided support and troubleshooting assistance during development and testing phases.
* Contributed to the integration of external systems and services to ensure seamless communication and interoperability.
* Actively engaged in Agile development processes such as sprint planning, daily stand-ups, and retrospectives.
* Mentored junior developers to enhance their technical skills and knowledge.
* Collaborated with stakeholders to gather requirements and translate them into technical solutions.
* Maintained awareness of emerging technologies and industry trends to inform development practices.
* Assisted in the deployment and maintenance of applications in production environments.
* Demonstrated strong problem-solving abilities and a proactive approach to addressing technical challenges.
* Conducted thorough code reviews to ensure productive implementation, adherence to coding standards, and identification of potential improvements.

**Environment:** C#.NET, ADO.NET, HTML5, CSS3, Visual Studio 2012, SQL Server 2005, Bootstrap, JSON, T-SQL, IIS 7.0, .Net 4.0, ASP.Net, Win Forms, Web Services WCF, Java script, J-Query, SQL Server, TFS, XML

**Sr .Net Developer**

**Client: Concentrix (Product Development), India MAY 2015 – SEP 2016**

**Project Description:** Factor-In, a comprehensive software solution tailored for factors and their clients, serves as a pivotal tool for banks engaged in factoring activities. Leveraging its advanced features and functionalities, Factor-In enhances operational efficiency, risk management, and customer satisfaction within the banking sector.

**Full-Function Solution:** Factor-In offers a comprehensive suite of tools and functionalities, specifically designed to meet the intricate business requirements of factors operating within the banking sector.

**Support for Various Types of Factoring:** The platform supports diverse forms of factoring, including domestic, reverse, import, and export factoring, as well as order financing and bill discounting. This versatility allows banks to cater to the diverse needs of their clients and adapt to evolving market conditions.

**24/7 Access:** Factor-In provides clients of the bank with round-the-clock access to the platform, enabling them to perform various tasks such as booking invoices, requesting payments, and generating/viewing reports at their convenience. This seamless accessibility enhances client satisfaction and promotes efficient collaboration between banks and their clients.

**Configurability:** Factor-In offers a high level of configurability, particularly within its Interest, Charges, Commissions, and Fees module. Banks can customize settings related to currencies, benchmarks, tenures, and amounts to align with their specific business requirements and client preferences. This flexibility ensures that banks can tailor their factoring services to meet the unique needs of their clientele.

* Factor-In serves as a strategic asset for banks engaged in factoring activities, empowering them to optimize operations, mitigate risks, and deliver superior services to their clients. By leveraging Factor-In's robust capabilities and user-friendly interface, banks can enhance their competitive edge in the dynamic landscape of factoring within the banking sector.

**Responsibilities:**

* Full Function Solution: Factor-In is designed to meet all the business requirements of a factor and its clients.
* Support for Various Types of Factoring: It supports different types of factoring including domestic, reverse, import, and export factoring, as well as order financing and bill discounting.
* 24/7 Access: Clients of the factor can access the application at any time, enabling them to perform various tasks such as booking invoices, requesting payments, and generating/viewing reports.
* Configurability: Factor-In offers a high level of configurability, particularly in its Interest, Charges, Commissions, and Fees module. Users can customize settings related to currencies, benchmarks, tenures, and amounts to meet their specific needs.
* Development using C#.Net, ASP.Net, JavaScript, jQuery, XML, and Oracle 11g.
* Understand high-level system design specifications to inform development activities.
* Implemented comprehensive business logic using C#.NET while adhering to SOLID principles for maintainable and scalable code.
* Contributed to coding efforts across layered architecture to ensure modularity and scalability.
* Developed interactive user interfaces leveraging jQuery and Bootstrap plugins to enhance user experience and responsiveness.
* Played a key role in the design of the database schema to ensure efficient data storage and retrieval.
* Participated in writing procedures and scripts in Oracle 11g for data manipulation and management.
* Collaborated with team members to review code and ensure adherence to coding standards and best practices.
* Assisted in the optimization of application performance through code optimization and database tuning.
* Conducted unit testing to verify the reliability and functionality of implemented features.
* Provided support and troubleshooting assistance during development and testing phases.
* Contributed to the integration of external systems and services to ensure seamless communication and interoperability.
* Engaged in Agile development practices such as sprint planning, daily stand-ups, and retrospectives.
* Actively participated in requirements gathering and analysis sessions to translate business needs into technical solutions.
* Documented technical specifications, user manuals, and system diagrams to support knowledge sharing within the team.
* Mentored junior developers to enhance their technical skills and understanding of development practices.
* Collaborated with stakeholders to gather feedback and refine system requirements.
* Maintained awareness of emerging technologies and industry trends to inform development practices.
* Assisted in the deployment and maintenance of applications in production environments.
* Demonstrated strong problem-solving abilities and a proactive approach to addressing technical challenges.
* Utilized Visual Studio IDE for development tasks.
* Employed ASP.NET MVC framework for building web applications.
* Implemented client-side scripting using JavaScript and jQuery for dynamic user interactions.
* Designed XML-based data structures for data exchange and storage.
* Utilized Oracle SQL Developer for database development and management.

**Environment:** C#, WCF, ASP.NET, SQL SERVER, LINQ, HTML5, CSS3, Bootstrap, jQuery, JavaScript, JSON, Ajax, Web API, ADO.NET, Oracle 11g, Agile methodologies.

**.Net Developer**

**Client: HCL (Product Development), India APR 2014 – MAY 2015**

**Project Description:** The Audit Balance & Controls Framework (ABaC) is a cutting-edge product designed to revolutionize data quality management and standards within organizations. ABaC serves as a proactive solution, empowering organizations to identify and rectify data issues efficiently, thereby ensuring the integrity and reliability of their data assets.

**Data Quality and Standards Maintenance:** ABaC facilitates the maintenance of data quality and standards by proactively identifying and addressing data issues. Its comprehensive framework enables organizations to uphold data integrity and consistency across all business processes.

**Trust in Data:** By leveraging ABaC, organizations can instill trust in their data, thereby enhancing confidence in the decision-making process. ABaC's proactive approach to data management ensures that accurate and reliable data is readily available for informed decision-making.

**Optimization of Data Testing Productivity:** ABaC optimizes the productivity of data testing teams by automating and accelerating data discovery, movement control checks, and metrics validation processes. This automation frees up bandwidth in manual testing efforts, allowing teams to focus on strategic initiatives and value-added tasks.

**Accelerated and Automated Data Processes:** ABaC provides a platform for accelerating and automating data discovery, movement control checks, and metrics validation. Its end-to-end solution streamlines data management processes, ensuring efficiency and accuracy in data handling.

**Comprehensive Data Assessment:** The platform offers a complete, repeatable, and agile solution for assessing data validity, completeness, uniqueness, consistency, timeliness, and accuracy. ABaC's robust framework enables organizations to ascertain data completeness and accuracy for both internal decision-making and external regulatory compliance needs.

**Modular Components:** ABaC consists of various modules, including the Access Module, Administrator Module, Database Link Module, Test Cases Module, Scheduler Module, and Analytics Module. These modular components work seamlessly together to provide organizations with a comprehensive data quality management solution.

* The Audit Balance & Controls Framework (ABaC) is a transformative product that empowers organizations to maintain data quality, enhance decision-making processes, and ensure compliance with regulatory standards. By leveraging ABaC's advanced features and modular components, organizations can streamline data management processes and unlock the full potential of their data assets.

**Responsibilities:**

* Involved in all stages of Software Development Life Cycle including Analysis Design, Coding System Tests Installation and Maintenance.
* Audit Balance & Controls Framework (ABaC) is a product designed to help organizations maintain data quality and standards by proactively identifying and resolving data issues.
* ABaC aims to instill trust in data used for decision-making processes by ensuring its accuracy and reliability.
* The platform optimizes the productivity of data testing teams by automating data discovery, movement control checks, and metrics validation.
* ABaC accelerates the process of identifying data validity, completeness, uniqueness, consistency, timeliness, and accuracy in an agile manner.
* It assists in verifying data completeness and accuracy for both internal decision-making and external regulatory compliance purposes.
* ABaC comprises several components including Access Module, Administrator Module, Database link Module, Test Cases Module, Scheduler Module, and Analytics Module.
* Involved in the development of ABaC using a technology stack that includes C#, ASP.Net, JavaScript, jQuery, XML, MYSQL, SQL SERVER 2012, and Oracle 11g.
* Developed the entire business logic of ABaC using C#.NET and Entity Framework while adhering to SOLID principles for maintainable and scalable code.
* Created interactive user interfaces for ABaC using jQuery and Bootstrap plugins to enhance user experience and responsiveness.
* Played a key role in designing the database schema for ABaC to ensure efficient data storage and retrieval.
* Wrote SQL queries for MySQL database to retrieve, manipulate, and manage data.
* Collaborated with team members to review code and ensure adherence to coding standards and best practices.
* Participated in Agile development practices such as sprint planning, daily stand-ups, and retrospectives.
* Worked closely with stakeholders to gather requirements and translate them into technical solutions.
* Conducted unit testing to verify the reliability and functionality of ABaC features.
* Provided support and troubleshooting assistance during development and testing phases.
* Contributed to the integration of external systems and services to ensure seamless communication and interoperability.
* Documented technical specifications, user manuals, and system diagrams to support knowledge sharing within the team.
* Maintained awareness of emerging technologies and industry trends to inform development practices.
* Assisted in the deployment and maintenance of ABaC applications in production environments.

**Environment:** ASP.Net Version 4, C#, HTML, JavaScript, SQL Server, Bootstrap, ADO.Net, Entity Framework, WCF Services, XML, Java script, J-Query, MY SQL, Visual Studio 2012, TFS.

**.Net Developer**

**Client: 7Eleven, Japan (HCL) MAR 2013 – FEB 2014**

**Project Description:** The **RISE** application is a migration product designed for the **7Eleven** retail store application. Initially developed using Uniface technology, the application is now undergoing a transition to .NET 2010 with C# Windows application. The migration process involves leveraging the RIS framework, owned by 7Eleven, to facilitate the development of the current application.

**Migration from Uniface to .NET:** The RISE application involves migrating from Uniface technology to .NET 2010 with C# Windows application, enabling modernization and improved functionality

**Utilization of RIS Framework:** The development of the current application is supported by the RIS framework, a proprietary framework owned by 7Eleven. This framework streamlines development processes and ensures consistency across modules.

**Modular Structure:** The project is organized into subsystems, with each module referred to as a subsystem. These subsystems include Point of Sales, Product Assortment, Gasoline, Cash Management, and Global Systems, among others.

**Role in Global Subsystem and Point of Sale:** The project involves working on the Global subsystem and Point of Sale modules. Within the Product Assortment subsystem, focus is on PA support functions, particularly the Item Information Sub module.

**Cross-Module Functionality:** The Global subsystem module includes support function submodules that are utilized across all other modules. This ensures consistency and efficiency in functionality implementation.

**Development Phases:** The project encompasses various phases, including screens analysis, data model changes, Uniface code analysis, reverse engineering through Uniface code, and documentation based on the code analysis.

* The RISE application migration project is a complex endeavor aimed at modernizing the 7Eleven retail store application and enhancing its functionality using .NET technology. The utilization of the RIS framework and adherence to a modular structure ensure a streamlined development process and consistent functionality across subsystems.

**Responsibilities:**

* Responsibilities include working on the Global and Point of Sale subsystems, particularly focusing on the Item Information sub-module within Product Assortment.
* Involved in various project phases including screens analysis, data model changes, Uniface code analysis, reverse engineering, and documentation.
* Played a role in understanding and converting Uniface requirements into the .NET framework.
* Contributed to the design of Win Forms using DevExpress controls and developed business logic using C#.NET and Entity Framework within a layered architecture.
* Utilized C#, Win Forms (MVC Pattern), Web Services, Entity Framework, LINQ, and Oracle 11g for development tasks.
* Implemented DevExpress controls for Win Forms design to enhance user interface.
* Conducted unit testing using NUnit or similar frameworks to ensure the reliability and functionality of developed components.
* Participated in code reviews, providing feedback and suggestions for improving code quality and adherence to best practices.
* Prepared checklists to ensure compliance with coding standards, architectural guidelines, and project requirements.
* Created Technical Design documents (TD) by gathering requirements from Business Analysts and translating them into technical specifications.
* Collaborated closely with Database Administrators to optimize database performance and ensure efficient data storage and retrieval.
* Wrote stored procedures, functions, and triggers in Oracle 11g to support application functionalities and database operations.
* Participated in the Propagation phase of the project, ensuring successful deployment and integration of the application into the production environment.
* Assisted in troubleshooting and resolving technical issues during development, testing, and production phases.
* Maintained awareness of emerging technologies and industry trends to recommend improvements and enhancements to the development process.
* Actively participated in Agile development practices such as sprint planning, daily stand-ups, and retrospectives to ensure timely delivery of features and enhancements.
* Mentored junior developers, providing guidance and support in adopting best practices, understanding project requirements, and improving technical skills.
* Collaborated with cross-functional teams including Business Analysts, Quality Assurance Engineers, and Project Managers to ensure alignment of development efforts with project goals and objectives.

**Environment:** Win Forms, C#, Web Services, Entity Framework, MVC, WCF, TFS, DevExpress Controls, Windows Service Web Service, Oracle, Agile, MS Unit Tests, Oracle11g.

**.Net Developer**

**HCL, India (Wolters Kluwer, US) offshore OCT 2012 – FEB 2013**

**Project Description:** The CLS Financial Reporting project is a Data Warehouse (DWH) initiative aimed at collecting data from diverse sources and enabling users to generate reports tailored to their specific requirements. The project focuses on providing a user-friendly interface for creating product groups and generating reports based on these groups.

**Data Collection from Various Sources:** The project involves collecting data from multiple sources, including internal systems and external data providers. This ensures comprehensive coverage of financial information for reporting purposes.

**Data Warehouse Architecture:** A robust data warehouse architecture is implemented to store and manage the collected data effectively. This architecture facilitates data integration, transformation, and storage in a structured format optimized for reporting

**User Interface for Report Generation:** The project includes the development of a user-friendly interface that allows users to create product groups based on available services or products. This interface provides intuitive tools for defining and organizing product groups according to user preferences

**Customizable Reporting Options:** The user interface offers flexible options for creating reports based on the defined product groups. Users can specify criteria, filters, and parameters to tailor the reports to their specific requirements.

**Reporting Flexibility:** Users have the flexibility to generate various types of reports, including financial statements, performance metrics, trend analysis, and comparative analysis. The system accommodates different reporting needs across departments and functions within the organization.

**Ad Hoc Reporting Capabilities:** In addition to predefined reports, the project includes ad hoc reporting features that enable users to create custom reports on-the-fly. This empowers users to explore data, extract insights, and make informed decisions in real-time.

**Data Visualization:** The user interface incorporates data visualization tools to enhance the presentation of information in reports. Graphs, charts, and dashboards provide visual representations of key financial metrics and trends for better analysis and interpretation.

* The CLS Financial Reporting project is designed to streamline the reporting process, provide actionable insights, and support informed decision-making within the organization. By leveraging a robust data warehouse infrastructure and intuitive user interface, the project enhances data accessibility, accuracy, and usability for users across departments and functions.

**Responsibilities:**

* Involved in the development of CLS Financial reporting using a technology stack comprising C#, ASP.Net, JavaScript, jQuery, WCF, and Oracle 11g.
* Developed comprehensive business logic using C#.NET to support various functionalities within the application, ensuring adherence to SOLID principles for maintainable and scalable code.
* Created WCF services to facilitate seamless interaction between the user interface and the Oracle database, ensuring efficient data retrieval and manipulation.
* Designed the system architecture in a layered structure, following best practices to promote modularity, scalability, and maintainability.
* Conducted system design and analysis to define the architecture and components required for the project, ensuring alignment with business objectives and user requirements.
* Implemented features and functionalities in accordance with high-level system design specifications, ensuring consistency and compatibility with existing systems.
* Utilized JavaScript and jQuery to enhance the user interface and provide dynamic interactions, improving the overall user experience.
* Implemented client-side validation and data handling using JavaScript and jQuery to ensure data integrity and enhance user input experience.
* Collaborated with Database Administrators to design and optimize the database schema, ensuring efficient data storage and retrieval.
* Developed and optimized stored procedures in Oracle 11g to handle complex database operations and improve data retrieval performance.
* Participated in code reviews and conducted unit testing using NUnit or similar frameworks to ensure the reliability and functionality of developed components.
* Prepared technical documentation, including system design documents, technical specifications, and user manuals, to facilitate knowledge sharing and project maintenance.
* Provided support and troubleshooting assistance during development, testing, and production phases, ensuring timely resolution of technical issues.
* Maintained awareness of emerging technologies and industry trends, recommending improvements and enhancements to the development process and technology stack.
* Actively participated in Agile development practices such as sprint planning, daily stand-ups, and retrospectives, ensuring timely delivery of features and enhancements.
* Environment: ASP.Net, C#, WCF, JavaScript, jQuery, Oracle 11g.Agile, MS Unit Tests.