**PRAVEEN KUMAAR KASPA**

 ***Sr .NET Full Stack Developer***

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 PROFESSIONAL SUMMARY

* Over **12+ years** of experience in designing, developing, and testing n – Tier Web-based Client/Server Applications using **Microsoft .NET Framework** and **SQL Server** with **Agile** and **Waterfall** Methodology.
* Experience in using Microsoft Technologies like **C# 9.0/10.0, .NET Framework ASP.NET 4.6/4.5/3.5, ASP.NET Core 6.0/7.0/8.0, ASP.NET MVC 5.0/6.0, ADO.NET 6.0, Entity Framework 4.0/5.0/6.0, WCF, Web API 6.0** and **IIS** on **Visual Studio**.
* Experienced in all phases of software design, development, and testing of business applications using **Visual Studio.NET, C#, VB.NET, ASP.NET MVC, ASP.NET WEB API, .NET Core, HTML, React, JAVA Script, C** and **SQL Server, DHTML**.
* Experience in working with **IIS**, creating and configuring virtual directories and mapping them to physical folders.
* Works on **SQL server**; Wrote complex **SQL** queries, Stored Procedures, Functions, Views and Triggers.
* Flexible and open-minded, with the ability to quickly adapt to changing needs.
* Proficient knowledge in **Cloud services** **like AZURE, AKS, ACR** and **AWS**Services**, ECR, EKS,** **Function Apps, App Insights, Cosmos DB** etc.
* Works well with clients and can quickly learn domain knowledge and deliver solutions that fit their needs.
* Proficient in utilizing **Coded UI** and **MTM** for testing purposes**.**
* Experience in using **build/deployment** tools such as**Jenkins, Docker and OpenShift** for Continuous Integration & **Deployment of Microservices**.
* Experience with Object Oriented Programming such as **collections API, threads, Multithreading, Data Structures,** and **Algorithms**.
* Developed **MVC** web user interfaces, complete with validation and verification using **Data Annotations**.
* Strong experience in data retrieval and manipulation using **ADO.NET** data objects such as connection, command,

**Dataset, Data Reader, Data list, Data Adaptor**.

* Done skillful work by using **Restful APIs**, implementing Design Patterns **(MVC, MVP, MVVM)**, and employing **code-first** development practices.
* Developed **APIs** using **GraphQL** to provide flexible and efficient querying of healthcare data, reducing network overhead.
* Customized **FHIR** profiles to support interoperability and enhance system integration across multiple healthcare platforms.
* Integrated **FHIR** standards in a healthcare system to ensure compliance with global healthcare data exchange protocols.
* Implemented **GraphQL** to enable clients to fetch only required data, minimizing over-fetching and improving application performance.
* Developed **RESTful** **APIs** using **FHIR** to streamline healthcare data exchange between Electronic Health Record (EHR) systems.
* Implemented **FHIR** resources for patient data management, enabling secure and standardized healthcare information transfer.
* Experience in **Java/Java 8**, **Core Java SE 8 and J2EE, JSP, JDBC**.
* Expertise in **ORM frameworks** like **Hibernate, Spring Data, iBatis and JPA.**
* Good experience in developing Configured and Consumed Restful Web Services using **Windows**

**Communication foundation (WCF)**.

* Technical expertise in Microsoft Technologies, such as .**NET Framework (2.0-4.8), ASP.NET Web Forms, ASP.NET** **MVC 4.0/3.0, C#, VB.NET, Web Services, RESTful Services, Web API**, **WCF**, **WPF**, **Entity Framework**, **Silverlight 4.0/3.0, LINQ, IIS 8.0/7.0/6.0, SOAP**, **XML, DOM, XSL**, **XSLT, .NET REMOTING, HTML 5, Java Script**, **jQuery**, **Angular**, **NodeJS**, **CSS3**, **HTML5**, **VB Script, Visual Studio .Net 2005-2022, AJAX**, **ADO.NET**, **XML.**
* Experience in reports development using **SQL Server Reporting Service (SSRS)** and experience in developing integration packages using **SQL Server Integration Service (SSIS).**
* Experience with **SQL Server 2005/2008/2012, Oracle 8i/9i** and **MS Access Database development, AJAX controls**.
* Good expertise in **Core Java SE 8** concepts like **Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics** and **Collection API**.
* Managed and maintained repositories using **Bitbucket**, ensuring proper **version control** and streamlined collaboration across development teams.
* Implemented branching strategies in **Bitbucket** to support efficient code review, merging, and release processes in agile development environments.
* Proficient in **T-SQL Queries**, **Views, Joins, Functions, SQL Stored Procedures, Database Triggers and Cursors** and **PL/SQL**.
* Extensive experience in developing Web Service applications like **REST Client, REST API, SOAP UI,** **Dozer mapper**.
* Developed the application with **React8 with MVC framework** and check while developing whether the services are ready, if ready consume the services by configuring the endpoint URL’S and writing **service calls**, and integrate the application with services, which are made on **REST.**
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **React 8**. Worked on resolving User Interface issues using various front-end technologies such as **HTML, CSS, Bootstrap, AJAX.**
* Worked with **React 2/7/8/14** framework to run the **Bootstrap** method against **Typescript** files.

EDUCATION

**Completed my bachelor’s from AMRITA VISHWA VIDYAPEETHAM, 2012, Computer Science**

**TECHNICAL SKILLS**

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| --- | --- |
|  **Programming Languages** | C/C++, C#, VB.Net, Java8, Core Java SE 8, Python 3/3.6. |
|  **Object Oriented Modeling** | UML, Rational Unified Process. |
|  **Design/Architecture** | MVVM, MVC, Microservices, SOLID Principles, Dependency Injection, CASL. |
|  **IDE** | Visual Studio 2012, 2014, 2015, 2017, 2019, 2022, Visual Studio Code. |
|  **Web Development** | ASP.NET Core 6.0/7.0/8.0, Asp.Net MVC 4.0-6.0, ASP.NET WEB API, .Net Core, JavaScript, XML, HTML5, DHTML, CSS3, AJAX, XML, Blazor, Razor. |
|  **.NET Framework/Libraries** | .NET 3.5-4.8, ADO.NET, EF 6.0, NuGet, SignalR, ASP.NET Core, .NET Core / .NET 5, Windows Workflow Foundation (WWF), NHibernate, Struts 1/2. |
|  **JavaScript Libraries** | jQuery, JSON, Bootstrap, Typescript/JavaScript, React JS, Angular 2/7/8/14, Vue.js. |
|  **Messaging Services** | Apache Kafka, AWS SQS, MSMQ. |
|  **Databases** | MSSQL Server, T-SQL/SQL Server (2005/2008/2012/2014), SSMS2019, Oracle 10g, PostgreSQL, MongoDB, Dynamo DB, Cassandra DB. |
|  **Cloud** | Azure, Azure Devops, AKS, Azure Worker Roles, AWS, ECR, EKS, EC2. |
|  **CI/CD Tools** | Jenkins, Docker, Kubernetes, Terraform, Ansible, AgroCD. |
|  **Web server/Application Servers**  | Apache, Nginx, IIS, Tomcat, **Microsoft Azure App Service, WebLogic, Jetty.** |
| **Authentication/Authorization** | ASP.NET Identity 1.0/2.0, OAuth 1.0/2.0 and OpenID Connect. |
|  **Testing/Documentation** | NUnit, xUnit.net, Selenium WebDriver, Postman, Swagger. |
| **Advance Technologies** | Prompt Engineering, ChatGPT 3.5/4, LLM, Pandas, MLLAB. |
|  **Other** | Agile, Coded UI Automation testing, WCF, WPF, REST, SOAP, Web API, MS Excel, TCP/IP, SharePoint 2000-2005, LINQ, Entity Framework, TDD, Windows, LINUX, IOS, JDBC, Spring Boot, Spring MVC, Spring IOC, Linux commands, Shell scripting, JIRA. |

PROFESSIONAL EXPERIENCE

**Client: Goldman Sachs, Dallas, TX**

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

**Duration: Jun 2022 – Present.**

**Responsibilities:**

* Implemented the project on **Visual Studio 2019 .NET Framework 4.6.2, C#.NET, ASP.NET MVC 5** with **Entity Framework 6, XAMARIN, SQL Server 2015, ASP.NET Core 6.0/7.0/8.0** and **LINQ.**
* Developed responsive **UIs** with **React, TypeScript, Bootstrap, HTML5, CSS,** and streamlined high-quality, maintainable code for the investment banking functions, trade executions.
* Working on **SQL Server Reporting Service** with knowledge of **SSRS Server** management.
* Designed **SWIFT**-enabled payment systems, encompassing message flow orchestration, data mapping, and interface design.
* Designed and developed robust **GraphQL** APIs using ASP.NET Core, enabling efficient and flexible data querying.
* Worked with financial APIs, market data feeds, and trading platforms for real-time data retrieval and analysis.
* **Oracle PL/SQL** development which includes creating **Database Tables, indexes** and **triggers, writing oracle package** and **procedures, Functions, Cursors, Views** and    performance tuning. Load flat file data for policy enrollment and claim into **ELITA oracle** databaseusing **SQL loader/ Trans All / File mapping.**
* Working on **IBM DB2** and **SQL Server 2019** including writing Stored **Procedures, queries, views, query** performance tuning skills etc.
* Integrated **GraphQL** endpoints with existing RESTful services and databases, enhancing the capabilities and performance.
* Used **YAML** files for writing playbooks and **Kubernetes** files.
* Employed **Windows Server Management 2019** and **IIS 10** forimproved performance, security enhancements, and simplified management**.**
* Utilized **GraphQL** to optimize data retrieval processes, reducing over-fetching and under-fetching of banking data.
* Designed and developed custom middleware for managing user sessions and tokens, leveraging **Okta’s** API to streamline authentication processes.
* Experience in integrating **RESTful APIs** and **GraphQL** with **Vue.js** applications for dynamic data handling.
* Implemented Single Sign-On (SSO) and Multi-Factor Authentication (MFA) solutions using **Okta**, enhancing security and user experience across banking application.
* Developed and maintained secure user authentication and authorization systems using **Okta** ensuring seamless integration with banking applications.
* Utilized **GraphQL** subscriptions to provide real-time updates for patient health records and monitoring systems.
* Created and maintained **GraphQL** schema to ensure proper data structure and relationships between healthcare entities.
* Automated **CI/CD** **pipelines** by integrating **Bitbucket** with **Jenkins**, optimizing the build and deployment processes.
* Collaborated with cross-functional teams by utilizing **Bitbucket** pull requests to facilitate code review and enforce coding standards.
* Developed and executed datacenter migration strategies, seamlessly transitioning applications and workloads from legacy environments to modern.
* Utilized **UML** to architect complex software systems, focusing on clear and effective visual communication of design and architectural decisions to development teams.
* Utilized **Scrum** methodology to collaborate with cross-functional teams and deliver software increments in iterative sprints.
* Developed comprehensive **UML diagrams**, including use case, sequence, class, and activity diagrams, to facilitate detailed requirement analysis and system design.
* Ability to handle complex transformations and formatting requirements using **XSLT** and **XSL-FO.**
* Proficient in designing and implementing **PL/SQL** packages to **encapsulate** and **organize** code for enhanced maintainability.
* Integrated **SWIFT** messaging with payment systems in the banking application.
* Experience in utilizing **Xamarin.Forms** to build cross-platform user interfaces with shared codebase.
* Implemented **SignalR** to establish **WebSocket** connections, facilitating bi-directional communication.
* Managed and administered **Solaris servers,** ensuring their **stability, security**, and optimal performance in a production environment.
* Experience with **ASP.NET MVC** by using the **Razor View Engine, JavaScript, HTML5, CSS3** for building front-end and UI.
* Improved team productivity by implementing **Agile** best practices and fostering a culture of continuous improvement.
* Created and implemented data access components using **ADO.NET** to facilitate efficient and secure interaction with databases.
* Experience with **ASP.NET MVC** by using the **Razor View Engine, JavaScript, HTML5, CSS3** for building front-end and UI.
* Initiate function execution based on events and messages, **Azure Function Apps** have been integrated with **Azure services**, **Azure Blob Storage, Azure Queue Storage, Azure Event Grid, Azure Service Bus,** and **Azure Cosmos DB**.
* Understanding how to create event-driven systems and real-time data pipelines with **Kafka**.
* **Microservices** break down the financial reporting system into modular components, enabling **agile** development and deployment of specific functionalities.
* Proficient in **Jira** administration, including user management, permissions, and project configurations.
* Expertise in **OAuth 2.0** as an **authorization framework** designed to grant secure access to resources through HTTP.
* Supported and maintained dynamic web pages using **Java Server Pages (JSP)** for seamless integration of **Java** code with **HTML**, **enabling** the creation of interactive and **data-driven** user interfaces.
* Supported **JSP** custom tag libraries to encapsulate **reusable code snippets, promoting code modularity** and **maintainability** across multiple web pages.
* Implement validation controls and **Web Forms** such as **RequiredFieldValidator, RegularExpressionValidator** to ensure that users input valid data.
* Knowledge of setting up and perfecting **Kafka clusters** for fault tolerance, low latency, and high throughput.
* Extensive hands-on experience with **ASP.NET Core 8**, managing tasks such as **routing, authentication, authorization**.
* Demonstrated ability to create modular and reusable code within **PL/SQL** packages.
* Expertise in developing and employing **MongoDB** for storing documents.
* **Proficient in Visual Studio 2019, .NET 8, .Net Core, GIT, React, Azure Devops, Azure Cloud, and Terraform. Working experience in Docker and Kubernetes within the datacenter environment.**
* **Provided Architectural solution for datacenter-based deployment using Terraform.**
* Showcase your understanding of **SignalR** as a real-time communication library that enables **server-to-client and client-to-server communication**.
* Skilled in writing complex **SQL** queries and optimizing query performance within **Snowflake**.
* Demonstrated expertise in utilizing **jQuery** to simplify and enhance **JavaScript** programming tasks.
* Strong experience in manipulating the **Document Object Model (DOM)** efficiently with **jQuery.**
* Extensive experience in developing **MongoDB** databases**, including schema design, indexing**, and **query** optimization.
* Experience with Asynchronous messaging using **Kafka, MSMQ, Redis**.
* Proficient in utilizing advanced **PL/SQL** concepts such as **exception handling, cursor management,** and **dynamic SQL**.
* Involved in **Software development life cycle (SDLC)** of application from design phase to the implementation phase.
* Applied data binding techniques in **ADO.NET** to connect data sources to user interface elements, providing seamless data presentation and manipulation.
* Developed **LINQ** queries to manipulate and query in-memory objects and collections with **LINQ** to Objects.
* Ensured cross-browser compatibility by writing **jQuery** code that works seamlessly across major browsers.
* Used **WCF** for interoperability with other platforms, technologies and for building custom solutions.
* Implemented design patterns and the entire backend of the application in **C#. NET**, using various object-oriented features like **classes, interfaces, inheritance, polymorphism** and **Multithreading.**
* Applied **LINQ** to Entities for data access using Entity Framework, simplifying database interactions and enabling **object-relational mapping (ORM).**
* Successfully optimized **PL/SQL** code for improved performance, including query optimization and **reducing execution times.**
* Implemented security features in **Azure API Management** to secure APIs and protect sensitive data.
* Created monthly and weekly reports using **SSRS**.
* Developed web forms in **ASP.Net** using **C#.Net, AJAX Controls, HTML** and **JavaScript.**
* Developed several **MVC** applications with **ASP.NET MVC, JavaScript, jQuery, JSON, HTML, React, XHTML, CSS, ASP.NET Core 8 Web API**, and **REST Client.**
* Experience with Asynchronous messaging using **Kafka, MSMQ, Redis**.
* Extensively used **.NET Web Services** for exercise vendor integration, sending claim to clearing house and for internal project and using **Team Foundation Server (TFS).**
* Experience in serializing data into **JSON** format and deserializing **JSON** data into structured objects for seamless data interchange.
* Experienced in setting up and managing deployment pipelines in **Octopus** Deploy.
* **Automated Build and Deployment build some pipelines with Azure Devops by Continuous Integration (CI)** triggers automatic builds on code commits, providing early feedback on potential issues.
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by **React**. Worked on resolving User Interface issues using various **front-end technologies** such as **HTML, CSS, Bootstrap, AJAX.**
* Led successful migration projects from **classic ASP to .NET**, ensuring a seamless transition from legacy systems to the latest **.NET Framework 6.0**.
* Utilized **LINQ** to **XML** to parse, query, and manipulate XML data, enhancing flexibility and readability in XML-related tasks.
* Configured **CI/CD** pipelines to execute automated tests in parallel to reduce test execution time and improve overall pipeline efficiency.
* Integrated automated tests into **CI/CD** pipelines, ensuring fast and reliable validation of code changes and preventing regression issues in production deployments.
* Managed large-scale **codebases** using **Bitbucket**, ensuring smooth version control practices for distributed teams and maintaining project integrity.
* Designed, developed, and maintained web applications using **ASP.NET WebForms** as the primary framework.
* Developed applications based on the event-driven model of **WebForms**, handling user interactions and **server-side events**.
* Developed stored procedures, views and triggers for data manipulation, ensuring set up **relations include indexes, constraints**, and **foreign keys**.
* Implemented robust fault handling mechanisms in **WCF** services to manage and communicate errors effectively.
* Utilized **NUnit** for writing and executing unit tests, fostering a culture of **test-driven development (TDD).**

**Environment:** C#, ASP.NET Core 6.0/8.0, SQL server 2019, WinForms, WCF, Rest services, ADO.NET, JavaScript, Web Services, X Path, Azure DevOps, AKS, EF core 6.0, Visual studio 2022, IIS, Rest, EDMX, AJAX, Typescript, jQuery,HTML5, React, Agile, XAMARIN, AWS EC2, AWS S3,.NET Web Services, Kubernetes, SDLC, HTML, CSS, Bootstrap, PL/SQL, JSON, Razor View Engine, TFS, Entity Framework 6, DDD.

**Client: Optum Health, Eden Prairie, MN**

**Role: Sr .NET Full Stack Developer.**

**Duration: Dec 2019 - May 2022**

**Responsibilities:**

* **Experienced in designing and implementing applications using C#, .Net, Angular11, JSON, Web API, and Azure cloud technologies**.
* **Active Directory Federation Services (ADFS), SAML, web Single Sign-on (SSO), OAuth and related authentication technologies.**
* Involved in building stable **Reac**t components and stand-alone functions to be added to any future pages.
* Developed the system services, **SOA** application platform which can be used by all web applications utilizing **WCF** services.
* Utilized **FHIR** resource validation tools to ensure proper structure and consistency of healthcare data models.
* Collaborated with cross-functional teams to build a healthcare platform that leverages **FHIR** for real-time patient data retrieval.
* In this project we are involved in the technologies that work with **ASP.NET MVC, PL/SQL, REST, SOAP** and all the related **.NET technologies.**
* Created and configured **Okta** applications, policies, and workflows to support various business requirements, reducing the time and effort needed for user management.
* Successfully managed the migration of **classic ASP to .Net Framework 6.0**, ensuring a smooth transition without data loss or corruption.
* Monitor,audit authentication and authorization activities to detect and respond to suspicious behavior using **Okta.**
* Used **JSON** objects effectively for efficient **client-side** coding and **Typescript/JavaScript** template design**.**
* Transformed conceptual designs into interactive user interface using **HTML5, CSS5, Vue.Js**and**Bootstrap**.
* Implemented **Angular Router** to enable navigation from one view to the next as agent performs application tasks.
* Ensured code quality and consistency by leveraging **Bitbucket's** built-in code review tools, enabling seamless collaboration.
* Set up and enforced repository access permissions in **Bitbucket** to maintain secure version control practices across multiple projects.
* Created and maintained complex **GraphQL** schemas, including queries, mutations, and subscriptions.
* Proficient in using Vue Router for managing application navigation and creating a seamless user experience.
* Enhanced API usability by providing detailed documentation and examples for **GraphQL** endpoints, making it easier for clients to interact with applications.
* **Skilled in using VSTS & Git for version control and deploying builds for Dev, QA, UAT and Prod environments.**
* **Developed custom FHIR operations for complex data queries, optimizing healthcare application performance.**
* **Implemented role-based access controls within FHIR resources to ensure secure patient data handling and HIPAA compliance.**
* Experience in using **ORM** frameworks to interact with **MS SQL** Server databases.
* Orchestrated the migration of a monolithic application to **Azure App Service**, leveraging **Platform as a Service (PaaS)** features to enhance **scalability** and **reduce operational overhead.**
* Experience in Client-side web development utilizing **HTML, CSS5, Bootstrap5, Vue.js**.
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture and .NET.
* Skilled in utilizing Vue CLI for rapid scaffolding of **Vue.js** projects and maintaining efficient build processes.
* Expertise in designing and implementing triggers using **PL/SQL** to automate actions in response to specific events on database tables.
* Troubleshooted the authentication issue with **Okta**.
* Proven track record of using triggers to enforce data integrity and implement custom business rules.
* Implemented robust caching strategies using **Redis** to enhance application performance and reduce latency.
* **Used Microservices architecture, REST, and RESTful API to build, test, and deploy identity microservices.**
* Implement new **Front-End** features with **Typescript/ JavaScript** and other **RESTful APIs.**
* By using **Azure Data Factory** created and scheduled pipelines called data-driven workflows that can ingest data from data stores.
* Leveraged **GraphQL** mutations to perform efficient data modifications and maintain data integrity across **healthcare systems.**
* Collaborated with **front-end** teams to optimize **GraphQL** queries for mobile healthcare applications, improving overall performance and user experience.
* Demonstrated ability to create modular and reusable code within **PL/SQL** packages.
* Used **Azure Service Bus** to balance the workload and used as a messaging tool service on cloud to connect any applications, devices, and services running in the cloud to any other applications or Services.
* Created **SSRS** packages to export data from text file to **Oracle database**.
* Wrote UI related tables and stored procedures for report display and admin activities and **Experience in developing Multi-Page Applications on the frontend**.
* Developed views and triggers for data manipulation, ensuring set up **relations include indexes, constraints,** and **foreign keys.**
* Proficient in debugging and troubleshooting **jQuery-related** issues for smooth application functionality.
* Extensively used datasets, Data table and Data view to retrieve and manipulate data and display it in an **ASP.NET** and **ASP.NET Core 3.0 Web API**.
* Followed best practices for **jQuery** development, including code modularity and maintainability.
* Designed, deployed, and managed AWS infrastructure components, including **EC2 instances, S3 storage, VPCs,** and **RDS databases.**
* Integrated **Java-based** services with messaging platforms such as Apache Kafka, RabbitMQ to enable asynchronous communication and event-driven architecture.
* Created test fixtures and test cases in **NUnit**, organizing and structuring tests for systematic execution.
* Developed user interfaces for using **C#** and Win Forms using **WPF**.
* Developed GIS applications by programming, documenting, testing and manipulating client user input.
* Implemented various features throughout the project and handled change requests using **ASP.NET, C#, XML, Web services** and **jQuery** and used **Agile methodologies.**
* Implemented **backup** and recovery strategies using **AWS Backup** and ensured data durability through **AWS Storage Gateway**.
* Utilized parameterized tests in **NUnit** to run the same test logic with different input values, improving test coverage.
* Improved collaboration and **version** **control** efficiency by integrating **Bitbucket** with **Jira** for seamless issue tracking and project management.
* Integrated automated tests **with CI/CD pipelines** using tools like Jenkins, Azure DevOps.
* Demonstrated ability to perform **exploratory data analysis (EDA)** using **Pandas**.
* Utilized statistical methods and **Panda’s** functionalities to derive insights from **datasets**.
* Performed a **Unit Test** and **integration** test for the application.
* Developed and maintained comprehensive automated test suites using test automation frameworks such as **Selenium WebDriver, JUnit/TestNG**.
* Using **GIT** to keep the repo up to date and **Azure DevOps** to track all the **sprint work**.
* Used **SOAP** and **REST** services for requesting information from endpoints.
* Developed **Web Forms, Components** in **ASP. Net** using **VB .NET and C#.**
* Participated in daily **Scrums** with the whole team to discuss the progress of the application development, tasks to be done and tasks that have already been completed.
* Performed unit testing and integration testing by applying test cases **RestSharp, NUnit / xUnit.**

**Environment:** .NET, Visual Studio, ASP.NET MVC, WPF, c, LINQ, Webservices, Vue.js, OOP, HTML, JavaScript, WinForms, Dependency Injection, C#, Azure DevOps, Azure AD, Azure APP Services, Excel, XML, XPath, CSS, MS SQL Server, ASP. Net using VB .NET and, RestSharp, NUnit / xUnit, C#, Web Forms, Vue, Azure DevOps, jQuery, Azure Service Bus, SQL, Typescript, GIT, Entity Framework, PL/SQL,VSTS, Agile methodologies.

**Client: State of Ohio, Columbus, OH**

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

**Duration: Apr 2017 - Nov 2019**

**Responsibilities:**

* Implemented a robust enterprise-level project utilizing **ASP.NET** and **C#,** with the **Microsoft SQL Server serving** as the **backend database**.
* Developed sophisticated **C#** components to seamlessly integrate and implement intricate business logic, intelligently utilizing them through **ASP.NET**.
* Innovatively designed and implemented reusable User Interface (UI) elements by leveraging **ASP.NET**, ensuring a modular and maintainable application structure.
* Utilized **ADO.NET** extensively for efficient and secure database manipulations and connections, adhering to best practices in data access.
* Collaborated with cross-functional teams to integrate **Okta** with third-party services and internal APIs, facilitating secure and efficient data exchange.
* Implemented stringent data validation protocols on Web Forms, employing **.NET** Validation Controls and **JavaScript** to enhance user input accuracy.
* Configured advanced security features using **Form-Based Authentication** and **Role-Based Authorization**, implementing a robust access control system through **C#** and **ASP.NET**.
* Developed **RESTful/WCF** Web services and APIs, showcasing expertise in building scalable and interoperable backend components.
* Use HTTPS to encrypt all communication between the application and **Okta** for best security.
* Extensively employed **Web-APIs** and Web Services, with a focus on **WCF** for fostering seamless communication between applications.
* Integrated error handling and validation mechanisms within **GraphQL.**
* Automated deployment and configuration of **Okta** environments using Infrastructure as Code (IaC) tools, reducing setup times and ensuring consistency across environments.
* Integrated **MS SQL** Server Reporting Services **(SSRS)** applications to generate interactive and visually appealing reports based on database data.
* Leveraged **C#** to create and consume **Web Services**, demonstrating proficiency in designing and **orchestrating** distributed systems **Team Foundation Server (TFS).**
* Demonstrated expertise in **Document Object Model (DOM)** manipulation using **JavaScript, jQuery** and **Angular, ensuring dynamic** and **responsive** user **interfaces.**
* Executed design and code implementation for enterprise applications, employing **C# WinForms** and **WPF** for creating sophisticated graphical user interfaces.
* Created and deployed **Web Services** using **VB.NET, SOAP,** and **XML**, streamlining the retrieval of Customer Service Records.
* Utilized **Bitbucket** for tracking and managing feature development, bug fixes, and hotfixes in a multi-branch project workflow.
* Implemented **Bitbucket** Pipelines to automate testing, building, and deploying code, reducing manual intervention in the release process.
* Engineered **REST Web Services**, serving as a pivotal interface between **SQL** **Server Reporting Services (SSRS)** and **ASP.NET applications.**
* Adapted and optimized web services to seamlessly interact with other applications, exposing them using both **SOAP** and **HTTP protocols**.
* Played a crucial role in **database** management, involved in writing **Stored Procedures** and **Triggers** for **efficient data manipulation** and business logic implementation.
* Developed complex reports using **SQL Reporting Services (SSRS)**, enhancing **data visualization** and **analytics capabilities.**
* Implemented a comprehensive **PL/SQL** package to handle complex business logic, resulting in a 20% reduction in code redundancy.
* Implemented and optimized **PL/SQL Stored Procedures**, ensuring efficient execution of database operations and improved application performance.
* Designed and implemented **triggers** using **PL/SQL** to enforce data validation rules, reducing data entry errors by **15%**.
* Undertook vital administration tasks, including provisioning access levels, managing permissions, and creating users and groups in the **Active Directory** within **SharePoint Portal Server 2007**.
* Actively participated in various client meetings, collaborating with the team and Project Manager to discuss improvements and amendments, ensuring alignment with client expectations.

**Environment:** ASP.NET, C#, PL/SQL, ADO.NET, Web Forms, .NET Validation Controls, JavaScript, Form-Based Authentication, Role-Based Authorization, RESTful, WCF, Web-APIs, Web Services, C# WinForms, WPF, DOM, JavaScript, jQuery, Angular, VB.NET, SOAP, XML, SQL Server Reporting Services (SSRS), SQL Stored Procedures, TFS, Triggers, InfoPath 2007, SharePoint 2007, Test Driven Development (TDD), SharePoint Portal Server, Active Directory.

**Client: Target, New York, NY**

**Role: .Net Developer**

**Duration: Mar 2015 - Mar 2017**

**Responsibilities:**

* Developing web-based solutions by using **Visual Studio, .NET, C#, AJAX, MVC, Coded UI, SSMS, Json, jQuery, XHTML, and ASP.NET Web forms** related to pension plans and based on the needs of each client.
* Developed various modules using **HTML 5, Bootstrap, a JS.**
* Developed and assisted in migration of web application to **Angular** Application. I took the responsibility of
* 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.)
* Leveraged **Angular** for developing applications using, **HttpClientModule** for **REST** calls and used **l**oads hand **jQuery** to process **JSON** and **XML** then providing them to components that are in need.
* Knowledge of XML related technologies such as **XML/XSL, XSLT, DTD, XML Schema, DOM, SAX, SOAP, WSDL, Web-Services,** and **VBScript.**
* Expertise in creating and scheduling complex **SSIS** packages for transferring data from multiple sources into **SQL Server, Access,** and **Excel** by using **SSIS** and **DTS of SQL Server.**
* Worked with the Design team to assist in the development of high-quality software for **Microservice applications.**
* Implemented **Angular Service calls** using **Angular Factory**.
* Experience **debugging Node.js,** profiling memory and CPU usage.
* Experience **deploying Node.js** into production and scaling applications beyond single instances.
* Experience with **Node.js** using web server-based frameworks such as **Express**.
* Experience in creating complex **SSIS** Packages with error handling using control and dataflow elements.
* Performance tuning and optimization of procedures and queries.
* Experience in creating complex **SSIS** packages using proper control and data flow elements.
* Developed **ASP.NET** Core Web API based on departmental requirements and specifications.
* Worked with advanced concepts of **ASP.NET Core MVC** such as Models and Providers, Filters used for developing backend technology.
* Created custom SharePoint sites, sub sites, Document Libraries, Lists and List views to collaborate the Affiliates using **visual studio**.
* Integrated **SQL** and Access data tables with the SharePoint lists and created the custom web parts to display the **SQL** data in the SharePoint portal pages.
* Developed a **system services, SOAP** application platform which can be used by all web applications utilizing **WCF services**.

**Environment:** Visual Studio.net (2017), Agile, C#, Coded UI, Angular, ASP.NET WEB API, .Net Core, Classic ASP

, HTML5, CSS3, Bootstrap, jQuery, Angular, Json, REST, SOAP, XML, ASP.NET, WCF, SSMS, MVC, TDD, LINQ, JavaScript, EP Plus, Excel, TFS, Windows.

**Client: Plymouth Rock Assurance, Boston, MA**

**Role: .Net Developer**

**Duration: Dec 2013 – Feb 2015**

**Responsibilities:**

* Involved with all stages of **Software Development Life Cycle**.
* Worked with an **Agile, Scrum** methodology to ensure delivery of high-quality work with monthly iteration.
* Involved in designing the Employee Member portal and Employer/Account portal, developed Employee Registration, Employee profile, Account Maintenance and User Maintenance, Forgot password, Login User Controls.
* User controls are extensively used in the application.
* Created master pages to display the logo and copyright information on every page of application.
* Developed Web Services for applications that consume Web Methods using **C#**.
* Developed several reports for various functional requirements using Crystal Reports.
* Used both windows authentication and form authentication as it has both internal and external users.
* Used dataset and Infrangibly Web grid extensively to retrieve, display, and manipulate data from the database.
* Created Stored Procedures for data manipulations in **SQL** Server 2008 database.
* **Session state** (session variables and session arrays) is used to roll on the data from page to page within the session.
* Created **SQL** scripts, stored procedures, triggers and views.
* Used **ADO.NET** classes provided by the **.NET Framework** for database connectivity.
* Used **Data Grid, Data List, Repeater** controls to show detailed information.
* Created and customized dynamic reports using Crystal reports.

**Environment:** .NET Framework 4.0, ASP.NET, C#, Visual Studio 2010, ADO.NET, SQL Server 2008, XML, SOAP, JavaScript., WCF, entity framework.

**Client: IVY Comptach, India**

**Role: Software Engineer.**

**Duration: Jan 2013 – Sep 2013** .

**Responsibilities:**

* Involved with all stages of **Software Development Life Cycle**.
* Worked with an **Agile, Scrum** methodology to ensure delivery of high-quality work with monthly iteration.
* Worked on update screens of the application.
* User controls are extensively used in the application.
* Developed Web Services for applications that consume Web Methods using **C#**.
* Developed several reports for various functional requirements using Crystal Reports.
* Used both windows authentication and form authentication as it has both internal and external users.
* Used dataset and Infrangibly Web grid extensively to retrieve, display, and manipulate data from the database.
* Created Stored Procedures for data manipulations in **SQL** Server 2008 database.
* **Session state** (session variables and session arrays) is used to roll on the data from page to page within the session.
* Created **SQL** scripts, stored procedures, triggers and views.
* Used **ADO.NET** classes provided by the **.NET Framework** for database connectivity.
* Used **Data Grid, Data List, Repeater** controls to show detailed information.
* Created and customized dynamic reports using Crystal reports.

**Environment:** .NET Framework 4.0, ASP.NET, C#, Visual Studio 2010, ADO.NET, SQL Server 2008, XML, SOAP, JavaScript., WCF, entity framework.