**Praveen Kumaar Kaspa**

Sr .Net Full Stack Developer

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**Summary:**

* **Over 10+ years** of experience in requirement analysis, design, development of large-scale software systems including coding, testing, deployment, and maintenance of existing applications using **ASP.NET Core MVC** **framework**, **C#**, **OAuth, Open ID,** **JWT, SSO, Type Script, Angular 14/9**, **jQuery**, **REST API**, **Web API**, **ADO. Net, WCF**, **Webservices**, **LINQ** and **Entity** **Framework 6.0**, **VB .Net,** **HTML5/CSS, Bootstrap,** **OOD** & **Design Patterns**, **Unit Testing Frameworks**, **SSIS**, **SSRS** and **Oracle.**
* Work in every stage of application development, starting from requirement analysis to application deployment into PROD, including interaction with business owner for requirement clarification, working on Code Reviews, Merging the code, deploying to DEV, STG, PROD, working with QA teams for any functionality clarification.
* Extensive Experience on scripting languages like **JavaScript**. **jQuery, Angular and ReactJS, NodeJS**.
* Good knowledge and experience in software design methodologies, **SOA**, **Design Principles**, **Design Patterns**, and **SOLID** Object-Oriented design.
* Work experience with using third party controls like **Telerik MVC** and **Kendo UI** etc.
* Experience in designing and developing Databases in **T-SQL**, worked on stored procedures, functions, Views, Indexes, Joins, Cursors, and triggers. Also worked with Reports in SSRS and Integration Services SSIS for Data transform and Load/Merge data Migration tasks from CSV files or external DB into our Databases.
* Experience in Performance tuning of SQL database by the help of execution plan, Optimized the stored procedures, Created Indexes on Tables.
* Proficient in designing, implementing, and managing Azure SQL databases.
* Proficient in understanding **CDC concepts**, including how to capture changes made to data (inserts, updates, deletes) in a database, and techniques for tracking these changes efficiently.
* Proficiency in using database triggers or reading transaction logs to capture data changes.
* Demonstrated expertise in using Angular CLI to scaffold, build, and manage Angular applications efficiently, enabling rapid development and deployment cycles.
* Demonstrated expertise in utilizing LINQ (Language Integrated Query) extensively for querying and manipulating in-memory objects and database entities.
* Experience working with **Agile** methodologies for the project development and actively participating in **scrum** team, creation and validation of code and unit tests in an Agile environment.
* Experience working with Source Control Management tools like **Git**, **Perforce**, **TFS** (Team Foundation Server) and **SVN.**
* Proficient in utilizing PL/SQL to optimize database queries and stored procedures for Oracle Database, enhancing performance and scalability.
* Proficient in leveraging PowerShell scripts to automate the provisioning of infrastructure resources, including virtual machines, networks, storage, and other cloud services across platforms such as Azure, AWS, and on-premises environments.
* Experienced in integrating Dynamics 365 with other Microsoft products and third-party applications using tools such as Power Automate (formerly Microsoft Flow), Azure Logic Apps, and custom integrations via APIs to ensure seamless data flow and process automation.
* Proficient knowledge in Cloud Services like **Azure, AKS, ACR** and **AWS Services, ECR, EKS.**
* Experience configuring and monitoring application performance using Azure **monitoring**.
* Having good experience with tools/utilities such as **Jira / Confluence / Splunk / Nexus**.
* Experience with the different security & networking aspects related to the **OAuth & Open ID** connect.
* Experienced in **AGILE Scrum**, **Waterfall/JIRA**, **Kanban**, and **Test-driven development (TDD)** methodologies for effective project management.
* Provided user training and support for SSRS report consumption, including report navigation, filtering options, and exporting capabilities to various formats such as PDF, Excel, and CSV.

**Technical Skills:**

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| **Language**   | C/C++, C#, VB .Net, SQL, Python 3/3.6, Java 8. |
| **Front-end frameworks**  |  HTML5, CSS3, JavaScript, Ajax, TypeScript, NodeJS XML, jQuery, React/ReactJS, Angular 9/14, Razor.  |

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| **Web technologies**  |  ASP.NET Core 6.0, ASP.NET MVC 4.0-5.0, ASP.NET Web API, Entity Framework, ASP.NET Web Forms, WPF, WCF and Microservices, SOAP, RESTful APIs, GraphQL, RPC APIs, ReactJS,  |
| **RDBMS**   | Oracle, SQL Server 2008/2012/2014/2017  |
| **Services**   | REST API, MVC, MVVM, WCF and Web Services (SOAP, WSDL),  |
| **IDE**   | Visual Code, Visual Studio 2015/2017/2019/2022, TOAD, SSMS  |
| **Source Control Tools**   | Git, Perforce, TFS, SVN  |
| **Security Frameworks**  | OAuth, JWT, Identity Server. |
| **Development Methodology**   | Agile (Scrum)  |
| **Testing Frameworks**  |  NUnit, XUnit, MS Test, Moq, Selenium. |
| **DEVOPS**   | Azure DevOps, Docker, Kubernetes, and Jenkins  |
| **Other Tools**   | Docker, Kubernetes, Jira, Confluence, Check Marx, Nexus, Splunk and ReSharper.  |
| **Cloud**  | Microsoft Azure App Services, Azure functions, Azure logic Apps, Azure Storage, Azure Active Directory (AD), Cosmos DB, Mongo DB, API Gateway, AWS, ECR, EKS, EC2. |

**Education**:

* Bachelor’s in technology computer science and engineering (CSE), India

**Certifications:**

* Microsoft Certified Professional 70-483 (Programming in C#).
* Microsoft Certified Professional 70-513 (TS: Windows Communication Foundation Development with Microsoft .NET Framework 4).

**Project Experience:**

**Client: Goldman Sachs, Dallas, TX Jun 2022 – Present**

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

**Responsibilities:**

* Design and develop infrastructure, process the files, and submit the report to the client using dotnet and azure.
* Coordinate with Business users and Product owners to gather the requirements and for clarifications in user stories for my team.
* Designed and developed microservices web applications using **C#.NET, ASP.NET CORE MVC, WCF, Dotnet 6, API, Entity Framework, T-SQL**.
* Maintained **WCF** services to facilitate communication between applications and services.
* Work on my User Stories and help the offshore team with any technical issues whenever needed.
* Proficient in writing complex **PL/SQL** queries, procedures, functions, and triggers to manipulate data within Oracle Database.
* Created UI using Angular for responsive screens and implemented client-side validations using **Typescript**.
* Built scalable backend services using **TypeScript** with **Node.js** and Express, ensuring type safety and reducing runtime errors.
* Design Logic Apps to run the claim jobs and use **Cosmos DB** to store the results.
* Responsible to design, develop and implementation, Code Reviews, work with Azure DevOps Teams for deployments and QA team for testing.
* Designed and implemented highly responsive single-page applications (SPA) using **Blazor** WebAssembly.
* Integrated **MongoDB** as the primary database improving data retrieval speed and scalability.
* Created and maintained data access layers using the **MongoDB** C# Driver, ensuring seamless interaction between .NET and MongoDB databases.
* Implemented indexing and aggregation pipelines in **MongoDB** to enhance the performance of complex queries.
* Implemented custom components and themes using **Bootstrap** **5** extensive CSS and JavaScript libraries, enhancing the user interface and user experience.
* **Designed, developed, and maintained ETL processes** to extract, transform, and load data into databases using SQL Server Integration Services (SSIS).
* Designed and developed complex **ETL packages** using **SSIS to extract**, transform, and load data from various sources, improving data accuracy by 20%.
* Conducted performance tuning and optimization of SQL queries and SSIS packages, reducing ETL processing time by 30%.
* Developed complex LINQ queries to extract, filter, and transform data from collections (LINQ-to-Objects) and databases (LINQ-to-Entities) efficiently.
* Applied LINQ-to-Entities for querying databases using Entity Framework, translating LINQ queries to SQL for efficient data retrieval.
* Constructed complex LINQ-to-Entities queries for database operations including filtering, joins, and aggregations.
* Executed stored procedures through ADO.NET for optimized data processing, contributing to the efficiency of financial report generation and analytics.
* Developed .NET script tasks within SSIS to handle API calls, utilizing libraries such as HTTP Client to send data.
* Developed custom Kafka producers and consumers using Confluent. Kafka library in C#, ensuring robust message handling and data streaming capabilities.
* Led database schema design, implemented sharding and replication, optimized queries, and integrated MongoDB with other microservices.
* Conducted in-depth performance analysis and tuning of MongoDB queries and indexes, resulting in a 30% reduction in query response time.
* Implemented **Agile** methodologies to iteratively develop and enhance financial products, ensuring responsiveness to market demands and client requirements.
* Used **Docker** containerization for automatic deployment of an application using portable containers.
* Integrated PowerShell scripts into CI/CD pipelines using tools like Azure DevOps, Jenkins, or GitLab CI/CD, enabling seamless automation of build, test, and deployment workflows.
* Achieved and implemented the features of Docker like Application agility, Developer productivity, Easy modeling and Version control.
* **Microservices** break down the financial reporting system into modular components, enabling **agile** development and deployment of specific functionalities.
* Experienced with **Kubernetes** in managing and scaling containerized applications. able to set up, configure, and manage Kubernetes clusters, including node management and resource allocation.
* Deployed applications on **Kubernetes**, including rolling updates and rollbacks.
* Implemented **monitoring and logging solutions** on **OpenShift clusters** for .NET applications using tools like **Prometheus, Grafana, and Elasticsearch**, ensuring visibility into system performance and troubleshooting issues effectively.
* Created complex T-SQL queries, views, and joins to extract and manipulate data for business analysis and reporting.
* Involved in design and development of **GraphQL** and services to interact with data storage layer.
* Experienced in developing cross-browser accessible interfaces using **Bootstrap**, **JavaScript**, **CSS3**, and **Angular 14**.
* Developed powerful Single Page Application and dynamic responsive Web Application with **Angular 14**.
* Actively participated in **IIS server** configuration and optimization, leading to improved system stability and reduced downtime.
* Once Developed and Tested, Published the code and Worked on Bugs which come during and after deployment.
* Used GIT for source control and Azure DevOps board to create User Stories, Tasks and Bugs and track the progress.
* Developed and maintained SSRS reports and dashboards to provide stakeholders with actionable insights and decision support information.
* Utilized SSIS to automate data extraction from various sources including databases, flat files, and web services, improving data integration efficiency and accuracy.
* Experienced in optimizing Angular application builds using **Angular CLI commands** such as AOT (Ahead-of-Time) compilation, tree-shaking, and production builds, ensuring fast loading times and optimal performance for end-users.
* Performed Unit Testing with MOQ testing framework and involved in QA testing,
* Optimizing query performance and writing ad-hoc queries as needed to support the application's functionality.
* Performed code reviews, Code merging to main branch and took care of deployments till PROD.
* Proficient in using **Chef and Ansible** for automating server provisioning, configuration management, and application deployment.
* Worked with **Postman**, **Swagger** for debugging and testing web requests and API calls.
* Implemented repositories using Entity Framework 6.0 on SQL Server databases to communicate with underlying database tables.
* Experience in optimizing database performance, ensuring high availability, and disaster recovery strategies in Azure SQL.
* Developed **IaC YAML pipelines** using Bicep templates for creating Azure resources like WebApp, Function App, App Insights.
* Skilled in developing custom plugins, workflows, and extensions using Microsoft Dynamics 365 SDK (Software Development Kit) and other development tools like Power Apps, Power Automate, and Azure Functions to extend the platform's functionality and meet specific business needs.
* Skilled in integrating Chef, Ansible, and Terraform with CI/CD tools (Jenkins, GitLab CI/CD, Azure DevOps) for automated build, test, and deployment processes.
* Proficient in working on UAT/PROD issues and providing solutions to them.
* Skilled in using VSTS & Git for version control and deploying builds for Dev, QA, UAT and Prod environments.

**Environment:** **C# .NET, .NET Core 3.1, Angular 14, Web API, ADO. Net, Oracle, Visual Studio 2022, Git, Azure DevOps, Jira, Agile and Confluence, ASP.NET Core, ASP.NET Web API, SQL, Entity Framework, SQL Server Integration Services (SSIS), SQL Server, Oracle, MySQL, T-SQL, Performance Tuning, Type script, JavaScript, HTML5, CSS3, JWT, OAuth, GraphQL, Microsoft SQL Server 2022, Git, Azure DevOps, Docker, N Unit, Agile, Postman and GitHub.**

**Client: Optum Health, Eden Prairie, MN Dec 2019 - May 2022**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Involved in requirement gathering and preparing **SOW**, creation of Functional and Technical documents.
* Created **Master Pages**, **Themes**, and **CSS Files** to maintain consistent look and feel across the website.
* Design complex UI using **HTML5, Bootstrap, and Kendo UI controls for MVC**.
* Worked on assigned modules to create design documents, unit test case, coding in C#.NET using **Waterfall methodology.**
* Worked with Team Leader to fix defects, responsible for designing UI of the website using **ASP.NET, HTML**.
* Involved in Coding Web Forms using ASP.NET, **C#.NET**, and **JavaScript.**
* Extensively used **WCF** services, **JavaScript**, **jQuery**, **LINQ**, **Lambda** expressions, **XML**, and **XSLT** to implement features.
* Implement new tables to capture the daily status of reassignment requests.
* Participated in **Agile/Scrum**, methodologies, attending daily stand-up meetings, sprint planning, and retrospective sessions to ensure efficient collaboration and timely delivery of features.
* Used **N-Tier Architecture** having Business Logic Layer (C#.NET), Presentation Layer and Database Layer (Database Connection and Security Settings).
* Created and deployed web services using **VB .Net, SOAP and XML.** Streamlining the retrieval of Customer Service records.
* Integrated **Kafka** with the Core applications to streamline data flow between microservices, reducing latency and improving throughput.
* Managed large-scale data sets within **MongoDB**, ensuring data integrity and consistency.
* Conducted data migration tasks from **SQL databases** to **MongoDB,** ensuring data accuracy and minimizing downtime during transitions.
* Assisted in the development and maintenance of SSIS packages for data extraction, transformation, and loading tasks.
* Created and maintained SSIS packages for data migration and integration projects, successfully migrating data.
* Integrated SSIS solutions with various third-party systems and APIs, enabling seamless data exchange.
* Implemented error handling and logging mechanisms in **WCF** services to facilitate troubleshooting, monitoring, and auditing.
* Use SSIS to connect to various data sources, including SQL databases, Excel files, and cloud-based services.
* Managed Terraform scripts for infrastructure as code, enabling automated and version-controlled provisioning of cloud resources.
* Skilled in implementing monitoring and logging solutions using Prometheus, Grafana, and ELK stack in Kubernetes environments.
* Improved application performance by optimizing LINQ queries, ensuring efficient data retrieval and reduced database roundtrips.
* Utilized MongoDB's aggregation framework to create complex data pipelines, enabling advanced data analysis and reporting.
* Experience in performing continuous integration and continuous deployment using **Azure DevOps** and **Jenkins**.
* Worked on **IaaS** like Virtual Machines, **PaaS** like AppService, **Azure AD**, **Azure SQL**, Azure Functions, Logic Apps, Cosmos DB along with Azure storage BLOBS and Queues and Serverless services, Application Insights to store user activities and error logging in Azure.
* Designed and implemented user interfaces for web applications using **Bootstrap 5**, focusing on creating intuitive and visually appealing user experiences
* Collaborated with cross-functional teams to gather requirements, design data integration solutions, and implement SSIS packages that meet business needs and objectives.
* Designed and implemented parameterized SSRS reports to enable dynamic filtering and customization of report output based on user requirements.
* Improved CI/CD pipelines using Harness by implementing advanced features such as automated testing, canary deployments, and blue-green deployments, resulting in faster release cycles and higher quality deployments for .NET applications.
* Experienced in creating custom PowerShell modules to encapsulate reusable functions and cmdlets for specific infrastructure automation tasks, promoting code reusability, and maintainability.
* Led initiatives to modernize legacy systems by integrating them with modern applications and cloud services, leveraging APIs, microservices, and containerization technologies.
* Proficient in Kubernetes for automating deployment, scaling, and operations of application containers across clusters of hosts.
* Implemented secure authentication and authorization mechanisms such as **OAuth 2.0** to ensure that only authorized personnel could access sensitive data, enhancing the overall security of the healthcare applications.
* Implemented asynchronous processing using background jobs or message queues to handle long-running tasks, such as batch processing of medical records or generating complex reports, without impacting the responsiveness of the applications.

**Environment :** **C# .NET, .NET Core 3.1, Web API, ADO. Net, Oracle, ReactJS, Visual Studio 2019, Git, Jenkins, Nexus, Microsoft Visual Studio 2017, .Net Framework 4.6, ASP.NET, Type script, ADO.NET, VB .Net, IIS, JavaScript, AJAX, grid controls, Web Services, GraphQl, React.js, T-SQL, XML, SQL Server 2016, Bootstrap, CSS, HTML**.

**Client: State of Ohio, Columbus, OH**  **Apr 2017 - Nov 2019**

**Role: .Net Full Stack Developer**

**Responsibilities:**

* Designed and developed web applications using C#.NET, ASP.NET MVC, Web API, ADO. Net, Entity Framework, JavaScript, ReactJS, T-SQL.
* Designed different components using C#.NET language and built on n-tier architecture with use of Object-oriented Programming (OOP) Techniques likes abstraction, encapsulation and polymorphism and Inheritance etc.
* Used Jenkins for publishing the code and Worked on Bugs which come during and after deployment.
* Created UI for the project using ReactJS for making responsive web screens.
* Configured route optimization and directions services within the application, enabling efficient navigation and logistics planning for users operating within **Ohio's transportation network**.
* Client-side validations implemented using Typescript, ReactJS and Server-side validation controls in ASP.NET.
* Implemented RxJS services using Promises and Observables to emit and consume services in ReactJS using Typescript.
* Employed LINQ queries in conjunction with MongoDB, facilitating more intuitive and readable data access code in .NET projects.
* Scheduled the SSIS package execution using SQL Server Agent and develop a .NET application to monitor and report on the status of these scheduled tasks.
* Conducted performance testing and benchmarking of Kafka-based solutions, identifying and addressing bottlenecks to enhance system performance.
* Developed and maintained APIs to interact with **MongoDB**, ensuring seamless data exchange and retrieval for frontend applications.
* Utilized MongoDB Atlas for managed database services, enhancing the reliability and performance of cloud-based .NET applications.
* **Used Microservices architecture, REST, and RESTful API to build, test, and deploy identity microservices.**
* Implemented API services to connect database transactions through Entity Framework and expose endpoints.
* Consumed the Web API services using MVC and displaying in the UI.
* Implemented **Single Sign-On** (SSO) for group of applications which helps the users to login once and use all the applications.
* Experience in using **Kubernetes** services for load balancing and service discovery for .NET microservices.
* Successfully integrated **WCF** services with existing legacy systems, third-party APIs, and cloud services, ensuring seamless communication and data exchange.
* Implemented role-based security and access controls within **SSRS reports** to ensure data confidentiality and compliance with regulatory requirements.
* Reviewed and coached team development activities for improved performance.
* Involved in deployment activities for **QA**, **Dev**, and **Prod** environments using **TFS**.
* Expertise in containerizing .NET applications using Docker and deploying them on **Kubernetes** clusters.
* Used Azure for Deploying Applications, migrating applications into Cloud, creating and maintenance.
* Migrated applications from Servers to Azure Servers, setup the environment and migration of Applications into Azure.
* Participated in code reviews and provided constructive feedback to team members to ensure adherence to coding standards and best practices for PL/SQL development.
* Ensured compliance with data security and privacy regulations (e.g., GDPR, CCPA) by implementing role-based access controls (RBAC), data encryption, and auditing features within Dynamics 365, maintaining data confidentiality and integrity.
* Developed cross-browser accessible interfaces using **Bootstrap**, **JavaScript**, **CSS3**, and **ReactJS.**
* Created relational databases, tables, stored procedures, packages, views, and functions in **Oracle 12C/10g** and **SQL-Server**.
* Implemented the concepts like two-way binding, used components and modules, Typescript to develop applications.
* Used **Entity Framework** as **ORM** framework to connect to database.
* Integrate Terraform with CI/CD pipelines to automate the application of infrastructure changes, ensuring consistency and reducing manual intervention.
* Used **Confluence** to document the functionality of the project. Also documented the process and flow of the applications.
* Used Ansible to manage and deploy microservices in a Docker-based environment, enhancing deployment efficiency.
* Created Unit cases using **NUnit** for Web pages to test functionality that has been created for classes.
* Followed agile methodology for delivering sprints and worked individually on a multiple critical requirement to full fill user’s need.
* Worked on complex stored procedures and functions to develop the application module.
* Setup release configuration for automated deployment of the application in environments.

**Environment:** **C# .NET, MVC, .NET Core 2.2, ReactJS, Web API, Jenkins, Seri log, ADO. Net, Visual Studio 2019, Git, Oracle, Jenkins and Nexus**.

**Client: Target, New York, NY Mar 2015 - Mar 2017**

**Role: .Net Developer**

**Responsibilities:**

* Collaborated with cross-functional teams to design, develop, and maintain applications using C#, .NET Core, ASP.NET.
* Implemented features and functionalities related to account management and customer data management.
* Designed and implemented responsive and user-friendly frontend interfaces using HTML, CSS, and JavaScript frameworks, enhancing the usability and accessibility of application.
* Designed dynamic User Interface with React.js and Implemented Restful Web APIs with multiple layers.
* Developed backend services, RPC APIs, and business logic using C# and .NET framework, enabling seamless data integration and efficient transaction processing.
* Documented solution designs and how they interact with the different components.
* Used ASP.NET Server controls, User Controls, HTML server controls and custom validation controls for client-side and server-side validation.
* Designed and Implemented Data Access Layer (DAL) using ADO.NET to communicate with SQL Server 2016 and used ADO.Net connection objects like SQL Connection, SQL Command and SQL Data Adapter to execute stored procedures.
* Built server-side logic using C#, ADO.NET and used ASP.NET MVC for building web applications with Model-ViewController (MVC) architecture.
* Integrated applications with relational databases such as SQL Server, ensuring efficient data storage, retrieval, and manipulation while maintaining data integrity and security.
* Enforced security policies and standards across z/OS environments through RACF configurations, minimizing security vulnerabilities and ensuring data integrity.
* Utilized SQL queries and stored procedures to extract relevant financial data for reporting and analysis, contributing to informed decision-making.
* Strong experience in developing and maintaining **SQL server** jobs.
* Expertise in using **VSTS** for source repository management.
* Worked in ADO.NET and wrote stored procedures, triggers, views, and functions in SQL Server.
* Involved in designing and developing Service Oriented Architecture (SOA) services using Web Services.
* Used ADO.NET for database connectivity, Azure Storage, and retrieval of the data on SQL Server 2012.
* Wrote Stored Procedures, Functions, and Triggers on SQL Server 2012 Database.
* Defined Tables, Joins, Functions, Views, Constraints, and Triggers in Microsoft SQL Server 2012.
* Used C# Asynchronous Background Worker Component to improve UI performance for long-running Processes.

**Environment :** **C# .NET, ASP.Net MVC5, ADO. Net, Visual Studio 2017, SQL, JS, jQuery, AJAX, Web Services and LINQ, SQL Server 2014, MVC 5.0, ASP.NET Framework 4.0, Web API, Unit Test, JavaScript, jQuery, XML, JSON, HTML, CSS, Bootstrap.js, HTML5, Media CSS, ADO.NET.**

**Client: Plymouth Rock Assurance, Boston, MA Dec 2013 – Feb 2015**

**Role: .Net Developer**

**Responsibilities:**

* Independent team player handling the activities completely by involving in customer’s requirements, designing and developing solutions.
* Giving access to registered users by Custom Validations and User Validation
* Used JavaScript validations with ASP.Net Controls.
* Responsible for designing the **ASP.Net** application authentication using .Net Framework with **IIS** security model.
* Created and maintained database objects like complex stored Procedures, Triggers, Cursors and tables, views, and SQL Joins.
* Participated in Agile/Scrum, methodologies, attending daily stand-up meetings, sprint planning, and retrospective sessions to ensure efficient collaboration and timely delivery of features.
* Worked on C# and Webservices in creating various integration projects.
* Experience in deploying **EC2** instances for compute in **VPC’s** in **AWS Cloud.**
* Experience debugging **Node.js**, profiling memory and CPU usage.
* Experience deploying **Node.js** into production and scaling applications beyond single instances.
* Develop Business logic layer by implementing Object Oriented Programming languages (OOPS) CONCEPTS abstraction, encapsulation, inheritance, polymorphism in C#.
* Fixed bugs rose from QA cycle.
* Design complex UI using HTML5, Bootstrap, and Kendo UI controls for MVC.
* Implemented secure authentication and authorization mechanisms such as OAuth 2.0 to ensure that only authorized personnel could access sensitive data, enhancing the overall security of the healthcare applications.
* Used SQL Procedure changes to implement new business rules, fetch the batch report details from database.
* Used Stored Procedures, Database routines for fixing up the standard Specifications.

**Environment:** **C# .NET, ASP.Net, ASP.Net MVC, ADO. Net, Visual Studio 2015, Web API, SQL, JavaScript, Node J jQuery, AJAX, AWS, SVN, Html and CSS.**

**Client: IVY Comptech, India Jan 2013 – Sep 2013**

**Role: Software Engineer**

**Responsibilities:**

* Worked on maintaining web interface to input data.
* Worked on update screens of the application.
* Worked on database queries to generate reports.
* Created dashboards to analyze data from database.
* Created and maintained database objects like complex stored procedures, Triggers, Cursors and tables, views and SQL joins.
* The system exposes all the data through a web Api and windows communication foundation.
* Created search modules using .Net framework, C#.
* Designed and developed middle tier business logic for web clients using C# and ASP.Net.
* Designed and Developed web service.
* Developed business objects in C# for implementation of business logic.
* Designed and Developed Data Access Layer to connect to the Oracle 9i database.
* Created the Data Access Layer with ADO.NET commands and fetched the data Oracle Database using Stored Procedures and Views.
* Developed Custom controls and User Controls etc.

**Environment:** **Visual studio 2012, Oracle, ASP.NET, JavaScript, HTML, CSS**.