**Summary**

Total IT experience of 15+ Years. Experience as a Software Developer in Design and Development of Web Applications, SQL server data base developer and Business Intelligence Technologies. Strong hands-on experience implementing backend code using Microsoft Technologies like ASP.Net, WebAPI and Data Design and Development in Microsoft SQL Server T-SQL, Performance Tuning, Troubleshooting, SSIS/DTS Package Configuration and ETL. Participated in various roles in software development including Requirements Management, Functional Specification, Technical Specification, Program Specification, Coding, Implementation and Production Support Adept at overseeing all phases of software development life cycle from design and documentation to implementation. Experience working in fast-paced, deadline-oriented environments. Strong team leader with background managing, supporting and led teams on multiple projects including training junior employees. Excellent cross-cultural understanding through interactions with clients from London, Manchester and Liverpool. Extensive exposure in design and development projects driven under Agile Methodology.

**Skills**

* C# .Net
* ASP.Net (WebAPI, WebForms)
* WCF
* Web-Services
* Entity Framework
* SQL, PL/SQL
* SSIS
* ETL Jobs
* Power BI
* JavaScript
* JQuery
* JSON
* XML
* CSS
* HTML
* Azure DevOps – CICD Pipeline
* Git

**Previous Role**

* Worked with the Scrum master, Product Owner and with business vendors to derive technical requirements and solution for the business problems.
* Worked closely with Architect to derive the technical roadmap for a scalable and flexible architecture for technical products. Done multiple presentations in DRB meetings with the high-level business and technical flow designs.
* Involved in design and developing Web pages using .Net technologies and release code with CICD pipeline and TDD code approach that have been delivered within timeline, with high standards and within the given sprint. Used GitLab and followed Octopus deployment process.
* Highly worked on SQL server in developing complex stored procedures and performance tuning various LIVE SQL queries captured in audits.
* Strong in developing SSIS packages and created multiple packages for mainframe to .NET migration (PET).
* Developed multiple ETL jobs including SQL Agent and OPCON for different environments to generate Ad hoc reports in various file formats such as XML, HTML, PDF.
* Lead and mentored maximum up to a team of size 8 at offshore and onshore in delivering the code within timeline tracking all progress in Confluence.
* Worked on web API to build HTTP services that return JSON data to the client.
* Create a repository layer that maps the data from the database to provide encapsulation over data access layer using Entity Framework.
* Analyze the business requirement and transforming them into technical solutions using the .Net Architecture and Design patterns.
* Been a core member in analyzing SonarQube code and testing coverages also performed security vulnerabilities check using Veracode.
* Involved in PI Planning meeting, Client requirement and estimate the efforts required, Sprint Planning, Backlog refinement and retrospective meetings.
* In addition, have been a part of Design, constructing/coding, testing and supporting the quality analysis.
* Also involved in Town Hall presentations and Fireside chat sessions with senior managers and Directors.

**Key Project Experience**

**PET (Pershing EMEA Transformation) for Cash, Custody and Credit Risk**   
Role: Senior Backend Developer | Duration: 01/2021 - 06/2022

Project Description:

PET is a new methodology or transformation technique introduced to convert all legacy mainframe code into .NET applications for consistent focus on Trading & settlement process for all clients. There were various modules built via reports, screens, jobs all in Mainframe which was migrated into .NET web applications, Web API’s, SQL Agent jobs and OPCON jobs so it mimics the same functionality with good code coverage, performance and quality controls strongly built-in.

Roles and Responsibilities:

* Worked as a Senior Specialist Developer front end and backend.
* Gather requirement from Business Analyst, understand the existing functionality and scratch the design for migrating reports and develop web pages using the technologies as Microsoft Asp.net, C# 7.3, Web API, MS SQL Server 2019, Visual Studio 2019, Business Intelligence SSIS 2019, JavaScript, JQuery and Dynatrace.
* Performed extensive GAP analysis in the whole design, development and testing phases as it’s a migration project.
* Performing and documenting data analysis, data validation, and data mapping/design.
* Prepared mini prototypes for each module to review with the Business analyst.
* Work with stakeholders and the development team to validate the prototypes completion of each module.
* Release Code Changes to different Environments using Azure DevOps CICD pipeline following TDD code approach.
* Created multiple Octopus deployment routine for the new migrated web pages.
* Performing Unit and Integration Testing on Development, QA and Production sites.
* Building, publishing customized interactive reports and dashboards, report scheduling using SQL server.
* Interact with data model team and define the data structure. Designed more than 40 SQL Agent and OPCON jobs including the scheduling and configuration process setup in all environments.
* Usage of Quality Control tool to monitor the performances and adhoc business/internal queries.
* Participated in daily stand-ups with clients on daily design and development effort
* Lead a team of 6 members in delivering quality code within timeline, also involved in code review and code comments of each code check-ins.

**Nexus Atlantic**  
Role: Senior Backend Developer | Duration: 12/2018 - 12/2020

Project Description:

* A leading brand new web application which will have access to the full range of client services, from [trading and execution](https://www.pershing.com/uk/en/what-we-provide/trading-services.html), through [settlement](https://www.pershing.com/uk/en/what-we-provide/clearing-settlement-and-custody/clearing-and-settlement.html) and [custody](https://www.pershing.com/uk/en/what-we-provide/clearing-settlement-and-custody/custody.html), to [investment reporting](https://www.pershing.com/uk/en/what-we-provide/investment-and-platform-solutions/investor-reporting.html) in a simple dashboard. The Web application helps the end users to view the entire operation and track the trade details including the payment processing and reconciliation process for missed trade orders. This dashboard embedded with various functionalities like update processing time on settlements, credit risk calculations and order breaks for any services.

Roles and Responsibilities:

* Has involved in the Client requirement and estimate the efforts required.
* Highly involved in preparing high level and low-level design flows and presented in DRB meetings.
* Has been closely working with Scrum Master and Business teams to understand project requirement and finalizing the user stories.
* Develop web pages using the technologies as Microsoft Asp.net, Web API, MS SQL Server 2019, Visual Studio 2019, Business Intelligence SSIS 2019, JavaScript, JQuery and Dynatrace.
* I have been working in Design, constructing/coding, testing, supporting the quality analysis, in addition involved in reviewing all the deliverables as part of each requirement to ensure adherence of product quality to the technical guidelines and various security standards.
* Work with stakeholders and the development team to validate the design modules.
* Build and publish code using CICD Pipeline and look for the Octopus deployment for the .NET and SQL packages.
* Create Stored Procedures, Trigger, and views in SQL Server to be consumed by Web application.
* Developed SSIS packages for extracting the data and finally fed them as Adhoc reports with scheduling enabled in SQL and system server side.
* Started following TDD code approach for new internal functionality including SonarQube and Veracode code checks.
* Participated in daily stand-ups with clients on daily design and development effort also raised work efforts for the backlog grooming meeting as part of the left user stories from the Sprint.

**Electronic Re-Registration**

Role: Senior Technical Lead | Duration: 01/2016-11/2018

Project Description:

One of the high priority end firms had trouble in handling their existing stock transfer forms of nominee stock holdings with current and past days transfer. This process was old and resulted in delays and sometimes cancellations due to authorization failures. As a result, this project aimed at building a mechanism to transform the data from one nominee to other electronically avoiding much paper works and better way to track their stock holdings. This had a huge change in the stock transfer process available on each investor’s account using their account and the trading references.

Roles and Responsibilities:

* Have played as a lead developer to develop on the web pages and SQL side stored procedures with SQL jobs as an individual contributor.
* Involved in leading a team size of 3 in mentoring and providing code review comments and code quality check.
* Review the User stories and work closely with architects and business analyst.
* Has been closely working with Scrum Master and Business teams to understand project requirement and complete the user stories.
* I have been working in Design, constructing/coding, testing, supporting the quality analysis, in addition involved in reviewing all the deliverables as part of each requirement to ensure adherence of product quality to the technical guidelines and various security standards.
* Involved in preparing the high-level and low-level design document and presented the overview to board.
* Travelled Onsite for handling a major release with close deadline also handled a team size of 7 and also develop individually on my task. Done multiple presentations to senior board members and addressed end user queries.

**Trading & Monitoring Custody Reports**

Role: Senior Technical Lead | Duration: 08/2013-12/2015

Project Description:

A new tool called Tracking & Replication Monitoring is designed to track and monitor the delays across databases specific to certain custody reports. This tool also shows alert when the delay crosses a particular threshold and give up a warning to Operations team for support.

Roles and Responsibilities:

* Created a console application and new SQL Agent jobs aligning to user stories.
* Has involved in direct Client interaction for requirement and estimate the efforts required.
* Have mentored the team on providing technical assistance.
* Involved in Code Review and Code Vulnerability check.
* Involved in preparing the high-level and low-level design document.
* Fine-tuned SQL Queries for maximum efficiency and performance.
* Generated multiple reports to gather log information from windows server.
* Implemented all Unit and Integration testing across all modules.

**MACQUARIE CAPITAL**

Role: Technical Lead | Duration: 05/2011-07/2013

Project Description:

Institutional clients have predominantly been agency traders and their clients begin to move their business towards market making and/or principal trading, they expect reports to show them their realized and unrealized Profit Loss and allow them to reconcile between their front end and the back office.

Roles and Responsibilities:

* Individual contributor in developing Web application and Web Services.
* Involved in Sprint Planning, Review and Retrospective meetings.
* Interacted directly with client on requirement gathering and providing technical solutions to their problems.
* Involved in Code Review and Code Vulnerability check.
* Participated in daily stand-ups with clients on daily design and development effort
* Involved in creating database objects like tables, views, procedures and functions using SQL to provide definition, structure and to maintain data efficiently.

**Purchase and Sales**  
Role: .Net Programmer | Duration: 12/2009 – 05/2011

Project Description:

Style Spa is the client, which use a web-based application for its purchase and sales purpose. The Project aims at giving detailed information about various (Sales and Purchase) Departments available in the Company.

Roles and Responsibilities:

* Involved in design, development, and production support changes.
* Also developed multiple SSIS and SSRS reports for their purchase and sales orders.
* Email communication and mobile communication was implemented as a first time for this project.

**Rate Downloader**  
Role: .Net Programmer | Duration: 03/2008 – 11/2009

Project Description:

Rate Monitor downloader is mainly framed to get the up-to-date market rates that can be applied on patient bill details for each visit and treatments as applicable. These rates are fetched from an external third-party vendor and there are services that are configured to run daily/monthly as per specification further then applied on patient bills. If rates are not changed for any reason the service will still consume the same rates and indicate there is no change.

Roles and Responsibilities:

* Framing UI design for different schema frames to get all patient details which will lead the detailed report and rate download details to US.
* Designed respective tables needed with stored procedures and bonded with application by creating all functions in separate class file.
* Involved in discussions, meetings and demos with onsite Team for regular updates for further requirements.

**NETYDOC**  
Role: Software Programmer | Duration: 12/2006 – 03/2008

Project Description:

NETY document is a chat application to develop online chatting with our medical clients, getting their instant queries, training them in our software and conducting events and online discussions.

Roles and Responsibilities:

* Individual contributor in developing the web application.
* Designed respective tables needed with stored procedures and bonded with application by creating all functions in separate class file.
* Handle training sessions of new junior batches.

**Summarized Experience in other Projects undertaken.**

* Over 15+ years of experience in creating and implementing effective strategies and solutions for developing Web Applications and on SQL Server Business Intelligence tools.
* Have domain expertise in Banking, Logistics, Travel and Transport, Medical and Patient Care Management.
* Good Analytical strengths, successfully working through problems and implementing solutions in time.
* Expertise in creating and fine-tuning complex and ad-hoc SQL Scripts
* Good understanding of customer business and implementing the same over to the reporting needs.
* Involved in all phases of development. Involved in requirement gathering phase with business user to define accurate requirements.
* Interacted with Business as part of Business Analysis to collect requirements and transform them into technical specifications via documentations.
* Worked in agile methodology
* Involved in writing custom SQL queries to fetch the data as and when needed
* Analyzing the data so as to identify trends and share insights.
* Carrying out investigation of root cause analysis and received several appreciations.
* Using SQL for managing large volume of data.
* Hands-on experience in creating TDD code, CICD Pipeline, Octopus deployment, SonarQube and Veracode analysis.
* Lead teams of multiple developers and contractors for multiple projects and played a major role with different teams and helped delivery of project on time.

**Employment History**

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| --- | --- | --- |
| **Date** | **Organization** | **Roles** |
| May 2011 to June 2022 | BNYMellon Technology  Solutions India Pvt. Ltd. | Specialist, Back-End Developer |
| Dec 2009 to May 2011 | UST Global | Senior Software Engineer |
| Mar 2008 to Nov 2009 | Medcentricity Corporation | Consultant/ .NET Programmer |
| Dec 2006 to Mar 2008 | Nerve Centrex Software Pvt Ltd | Senior Instructor cum Software Engineer |

**Education**

|  |  |  |
| --- | --- | --- |
| **Title of the Degree with Branch** | **College/University** | **Year of Passing** |
| Bachelor of Engineering (EEE) | Maharaja Engineering College/Anna University | 2006 |
| XII | Jawahar Matriculation Higher Secondary School | 2002 |
| X | Jawahar Matriculation Higher Secondary School | 2000 |

**Award & Recognition**

* Star Performer Award (BNYMellon)
* (Received for all round performance throughout the year in 2021 and for consistent quality deliverables and performance)
* Spot Awards (Pershing)
* (Received the award for critical LIVE issue resolution, designing first OPCON jobs)