

Projects executed prior to 2017

Scenarios Manager

UI stack	HTML5, CSS 3, Javascript
Framework	Angular JS 1.0, Bootstrap 3,nodejs
IDE	Sublime
Workflow tool	Grunt, JS lint
Project Duration	August 2015 – September 2016

Client

Fortune 200 client UK

Synopsis

This application was a re write of a Silverlight application that consumed a SOAP webservice written in JAVA.

The new application had fully responsive UI and consumed RESP API written in JAVA.

New features implemented

Web Workers, Client side storage, Service workers & websockets.

Achievements

Implemented the phase 1 of migration on time and the project received 100% rating in the client satisfaction survey.

Credit Risk Management

may 2011 – july 2015

This product is for the Financial services domain which helps an Investment bank find out how much Risk it is being exposed to at any given period of time. We have adopted Agile Methodology for the development phase.

Technologies used

.NET framework 3.5,C#,ASP.NET,AJAX control toolkit, SQL Server 2008, Microsoft BI

Client

Fortune 200 client, Sweden

Team Size

15(offshore/onsite model)

Roles and Responsibilities

I perform the role of a Senior developer and Configuration/build manager.

I Designed the architecture for this project with assistance from HCL .net COE.

I Do front end coding as well as server side coding.

I developed the Access control and Role management for the application using ASP.NET Role and membership API's in conjunction with Microsoft's Active directory and Windows Authentication.

I take care of the source control and Continuous Integration server.

I understand the business requirements and convert them into tasks for the team to act upon.

Challenges and Issues Resolved

1. Learnt a lot of tricks to optimize the performance of a web application.
2. Done a pretty team work for time bound activities
3. Learnt the art of Source Control, version Maintaining and Continuous Integration
4. Motivating the team when required to keep up the team morale high

FOMS --Security Processing System	August 2008 – July 2009
Client	Fortune 100 client USA
Technologies	C# with .net 3.5,WPF,oracle9i,Java 1.5

Description: The Securities Processing System (SPS) is product developed by HCL in collaboration with NASDAQ OMX, Sweden. It is a post-trade security processing system and an integration platform that caters to financial institutions such as banks, brokers, custodians, private banking asset managers and many more. SPS provides financial institutions with functionality in the areas of basic data, trade capture and trade management, clearing & settlement, safekeeping, corporate actions processing and instrument borrowing and lending in a multi market and multi instrument environment.

Tasks performed by FOMS(Fund Order Management System)

- a) subscription of fund units through fund order management system
- b) Subscription of funds. Within subscription the scope is limited to receiving a fund order from customers for subscription.
- c) Sending the fund order to fund Management Company and receiving the confirmation of the executed order from fund Management Company.
Sending information about blocking of positions in Position Management System.

Order aggregation after the customers orders are approved in STP monitor.

Netting of Subscription and Redemption Orders together

Sending allocation message to Position Management System.

Implementation of 4-eye principle for order approval.

Order updating subject to business rules.

Order cancellation subject to business rules

Roles and responsibilities:

- Recognized by the Project Manager as a UI Team Lead and contact person for Integration with Back End Services
- Was involved in developing the GUI, Developing MOCK web service components
- Leading the UI team

Corporate Actions for Security Processing System(SPS)	Feb 2008 to June 2008
Client	Fortune 500 client Switzerland
Technologies	C# 3.0, XAML Environment : Visual Studio 2008, Expression Blend 2, Windows Presentation foundation, SQL server 2005 Team Size : 70 Application type: WINFORMS

The Securities Processing System (SPS) is product developed by HCL in collaboration with NASDAQ OMX, Sweden. It is a post-trade security processing system and an integration platform that caters to financial institutions such as banks, brokers, custodians, private banking asset managers and many more. SPS provides financial institutions with functionality in the areas of basic data, trade capture and trade management, clearing & settlement, safekeeping, corporate actions processing and instrument borrowing and lending in a multi market and multi instrument environment.

Roles and responsibilities:

- application Development using both markup and code-behind
- Involved in Penstock Framework development.

Corporate Actions Front End(CAFE)	Sep 2007 to Jan 2008
Client	HCL Technologies
Technologies	Visual Studio 2005,.net framework 2.0, SQL server 2005 ,Infragistics NetAdvantage for .NET Winforms, Biz talk Server 2006

Description:

The main purpose of the system is to gather data from multiple sources extract their content and scrub it to produce the golden copy. The result should be cleansed and complete information about the corporate action event would be available. The inputs can be variably reliable and trusted and variably complete. It should be possible to assign different levels of trust to each sender (like primary/secondary vendor).

Roles and responsibilities:

- End to end development of Client side and server side components
- Development of Web services
- Implementation of the Access Control List(ACL) component(Database design, Form design, Coding)

Hobby Projects

- easybillPro: web-based POS solution for retail fashion sector. Single page application with jquery, php rest services and mysql 2007 Client:- Retail showrooms in Tamilnadu
- easyaccounts: web-based online accounting application with asp.net,ms-access 2005 Client: My Dad