**Hariharan Senbagamoorthi**

**Summary:**

* Software Architect, 13 years of work experience in designing and implementing B2B, B2C applications
* Worked with Top tier banks in Spring Cloud native applications, Digital transformation projects like Customer onboarding and Wealth management smartphone application, Trading Systems like trade capture and FpML messaging middleware systems Experience in writing applications in Java 8 using Functions, Lambdas, Sreams.
* Experience in Spring Boot, Spring MVC, Spring Data, Spring Integration, Spring Security, Spring Messaging, Spring AOP, Spring Transactions. Implemented Spring REST Services with OAuth2 and Swagger Documentation.
* Experience in breaking Monolith Application into Micro services using Spring Boot, Netflix OSS (Eureka, Zuul, Hysterix, Feign), Apache Kafka, PCF, AWS
* Experience in designing SPA for Digital Onboarding of wealth Management customers in Angular 8 and Spring technologies
* Experience in EAI using JMS, SOAP, Apache Kafka, REST across multiple applications
* Experience in ORM Framework Hibernate, Object mapping framework MyBatis across multiple applications
* Experience in generating and deploying Docker images through Jenkins CI pipeline scripts
* Exposed to Data Analytics using Collibra, Apache Spark, Hive tables, Zookeeper
* Experience in Oracle, Maria, H2 databases
* Experience in Application Servers: Oracle Weblogic 8, Oracle Weblogic12. Websphere 8  Experience in Repositories and Configuration: Bitbucket, SVN, Perforce, Maven, Ant

**Education:**

Bachelor of Engineering (ECE) - A.C.College of Engg & Tech.,Karakudi, India

**Professional Experience :**

**DBS Bank Singapore (Comtel Solutions pvt ltd) Aug 2019 – till date**

**Role: Technical Architect**

Project: Insurance

**Description:**

Developed REST APIs to ingest customer policy details to DBS insurance partners

Also, EOD batches developed using Spring boot batch to receive new and reconcile customer policy details

Developed REST Apis to consume policy details to DBS internet banking, mobile banking customers

Developed logic to send the ingested policies will also be send to Analytics system using Message broker Kafka.

Technologies: Spring Boot, Angular 8, Spring IOC, Spring MVC, Spring DAO, Spring REST, Spring Batch, Spring cloud, Kafka and Hibernate.

Tools / Servers: Intellij, Tomcat, Apache, Pivotal Cloud Foundry, Amazon Web services Architect.

**BNP Paribas – Wealth Management, JP Morgan Chase (Cognizant Technology Solutions, Singapore / India)**

**Jun 2012 – Aug 2019**

**Role: Architect / Scrum master**

Myonboarding - The purpose of this application is to go paperless and onboard Wealth Management clients digitally using IPAD. This is an intranet web application used by RM / MA

MyNewsFeed - a section in the Wealth Management Smartphone application which displays bank research documents on equities, equity news from City falcon and Equity quotes from Reuters

Osiris - a Web application which is used to calculate Equity Dividends and other corporate actions for the Clients

Deal Manager - a onboarding application for Treasury services. The various products offered by the treasury services will be set up for the clients using this application

Contribution:

* Intellij, Eclipse / Tomcat, Apache, Webseal, Docker
* Worked on design and architecture of the Application
* Worked on design and implementing REST APIs
* Worked as Full Stack developer

Technologies: Spring Boot, Angular 6, Spring IOC, Spring MVC, Spring DAO, Spring REST, Spring Data Spring cloud and Hibernate.

Tools / Servers Contribution: Intellij, Eclipse / Tomcat, Apache, Webseal, Docker

**Bank of America Continuum, India / Merrill Lynch (India) Technology Services**

**Sep 2008 – Jun 2012**

**Role: Senior Developer**

TEA is the messaging middleware system which connects to different systems which includes front office systems, external broker systems, back office systems and so on. TEA has connected to external brokers like ICAP, GFI, Tzero and IDB. External brokers used to send trades as fpml and TEA will process the fpml and create trades in trade capture system. TEA has primary role in credit industry initiative like eTrading, C=C and A=C.

Vblotter - a trade capture application in Bank of America to capture the credit derivative trades. The application supports the credit instruments such as Credit Default Swaps, CDS Index Tranche, Index Basket, CDS Index Options The application allows the traders to novate (assignments), terminate (terminations / unwinds) and void (cancel) the trades.

Banyan Trade Capture - a trade capture application in Merrill Lynch to capture the credit derivative trades. The application supports the credit instruments such as Credit Default Swaps, CDS Index Tranche, Index Basket, CDS Options and non-credit instruments such as Bonds, Asset Backed Securities (ABS). The application allows the traders to novate (assignments), terminate (terminations / unwinds) and void (cancel) the trades. The traders would also be able to price the trade. Once captured, the trades would be fed to the various downstream systems to calculate risk and also DTCC.

Contribution:

* Worked on admin GUI which will help the MO team to do the mapping and track the message flow.
* Worked on implementing industry initiatives like C=C, A=C
* Designed, coded and tested the Bloomberg upfront fee module. This module is responsible calculating the upfront fee for trades by connecting to Bloomberg.
* Developed enrichment module. This module is used to enrich the minimum data entered by the user by looking up reference data web services

Technologies : Struts with Tiles, Spring IOC, Spring MDB, iBATIS, Apache CXF Web services, Apache CXF Web services, Session beans and JMS

Tools / Servers : Eclipse 3.5, Weblogic application server 10.0

**Pfizer U.S., Schering plough, Netherlands (Cognizant Technology Solutions, India)**

**Oct 2006 – Sep 2008**

**Role: Senior Consultant**

Pfizer a global leader in health care having uncountable medical documents maintained in different server. They wanted a Portal site to retrieve these documents based on the type of the document. The front end is MOSS and all the Service backend components are developed in Java Web Services. Few other services are meant for communicating to Business Objects and Documentum

Schering plough, a renowned global biopharmaceutical company having more than 250 websites to market their products. Some of the websites will be of same in design and only the content will change. This is the place where content management tool Tridion plays a vital role. It helps in creating websites with different contents and same design with very minimum effort. This project is about maintaining existing websites and developing new websites based on their requirement.

Technologies: core Java, Web Services, Business Objects, NetBeans 6.0, WebLogic 9.1, Tridion R4 & R5 – A web content management tools.

Contribution:

* Involved in designing and developing java web service components to retrieve files, file meta attributes as XML, data from the oracle database.
* Involved in designing and developing java web service using Business Objects SDK to schedule a report and retrieve the scheduled Report based on user authentication.
* Involved in designing new websites and redesigning existing websites.
* Training new team members in Tridion and CSS.
* Involved in implementing and analyzing Google Analytics and AB testing