

# PARTHIBAN RAMALINGAM

ASSISTANT VICE PRESIDENT / JAVA LEAD SOFTWARE ENGINEER @ CREDIT SUISSE  
AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE

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## PROFESSIONAL SUMMARY

Highly Motivated and results driven Software Engineer with 18 years experience working on the Java Development Platform implementing and maintaining scalable , business critical applications working on the entire SDLC . Hands-on Technical Leader , organized self-starter with a collaborative work style, strong organizational skills coupled with effective verbal and written skills, strong team builder and ability to multitask projects.

Certified AWS Solution Architect who can work on Software architecture, design and development as a team lead or Individual Contributor.

## SKILLS

- Java 11 / JEE
- DataStructures / Algorithms
- SOA / Microservices/REST/SOAP
- Spring - Boot/Core/IOC/Hibernate
- Junit/Mockito/SpringBoot Test
- Oracle Coherence/Hazelcast
- Openshift/Kubernetes
- JMS / Apache Kafka / JSON / XML
- IntelliJ / Eclipse
- GIT /Jenkins /CI-CD
- Linux / Windows
- 10+ years in the financial services industry.
- Finastra LoanIQ Business Model / API / SDK
- Syndicated Lending

## WORK HISTORY

11/2014 - Current

**Credit Suisse, Morrisville North Carolina**

### ASSISTANT VICE PRESIDENT

Senior Lead for the Java Loans Platform which supports the Credit Suisse Syndicated Loans Business (part of Investment Banking). Development of new features and modernization of existing applications using latest system design patterns.

#### Responsibilities:

- Software Lead Architect serving as an integral member of a distributed Java development team involved in building new or enhancing existing capabilities of systems which drive the Syndicated Loans Business of Credit Suisse.
- Strong hands-on Java Backend Development and design utilizing Object-oriented Design and Programming. Encourage SOLID Software design principles & microservices development principles like statelessness & loose coupling.
- Strong development experience with various message structures, algorithms, concurrency & multithreading.
- Lead developer of multiple projects involving understanding & debugging legacy systems and capturing their current state to aid with modernization of the application / Monolithic->Microservices.
- Strong experience in design & development of applications involving asynchronous communications using Apache Kafka or Message Queues utilizing Tibco EMS.
- Successfully executed multiple projects enabling Straight through automatic processing of various workflows enabling improved productivity of Operations and Trading Desk .
- Mentor and Oversee Java developers in the team. Oversee Monthly Production Release /Participate in L3 Support of Production applications.

#### Recent Deliveries:

- **Lead Developer of Octaura Workflow**
  - o Lead developer & architect of Octaura projects. Develop a new Java based workflow to create an electronic trading solution for syndicated Loans for STP trades in LoanIQ / Oracle Backend.
  - o Created highly scalable RESTful APIs for Fix message consumption and persistence to backend. Work with external partners to design data exchange of electronic Trades (via FIX) to be utilized by traders of Loan Syndication team.
  - o Troubleshooting connectivity issues . Unit testing and proposal of alternate solutions when needed.
  - o Manage Project QA & UAT working with Octaura team to facilitate Data and integration testing.

- **Design and Lead Versana Platform Phase-2 Lender Feed**
  - Work with Business Analysts to design the data workflow of LoanIQ events utilizing Apache kafka and Java.
  - Design Ingestion / Enrichment/Processing/Offset Flows following a Microservices architecture enabling high scalability & availability.
  - Development of batch processing using Kafka Producer/Consumer API . Utilize Kafka Features for high fault tolerance and features like Topics & partitions for message ordering.
- **Design and develop Trade and reconciliation platform for Credit Loans.** The platform is used by Traders to book secondary Trades every day to reconcile with Primary Trades
  - Oversee design ,development, testing and deployment of Trade workflow to production.
  - Design and Hands-on coding of Trade workflow using Core Java / Spring IOC / Spring Batch and integration with LoanIQ.
  - Develop a hibernate layer to manage Database operations.
  - Manage application end-end via Spring container.
  - Connect to Global Loans Platform (Hazelcast Cache) to obtain data
  - Design and develop respective Database tables in DB2.Regular support and add enhancements to the application based on Business needs.
- **Architect, develop and oversee multiple batches for Straight through Processing of Loans business needs**
  - Design and rewrite of Libor to SOFR/ARR batches utilizing Spring Batch Framework. Hands-on coding & developing reusable components to be utilized by other batches / components.
  - Write batch Dao's to save data to the database . Connect to cache layer - (Hazelcast Cache) to obtain data. Enable Write Through and Write Behind caching implementations for keeping Hzealcst cache and DB in sync via asynchronous communication patterns.

## PAST WORK HISTORY

05/2013 - 11/2014

**NTT DATA Global Delivery Services Ltd, Salt Lake City , Utah**

**Senior Consultant/Goldman Sachs**

- Working on CSW(Client Services Workstation).
- CSW(Client Services Workstation) is one of the firm's subledger involving various sets of applications to store the firm's financial transactions with main focus on Client Accounts.
- The applications in CSW capture transactions from upstream systems consolidating and storing the business details for legal & regulatory needs.

10/2010 - 05/2013

**NTT DATA Global Delivery Services Ltd, Bengaluru , India**

**Senior Consultant/ Goldman Sachs**

- Worked for *Securities Lending* Business related applications.
- Securities Lending Business is Over the Counter (OTC) exchange of stocks where Lenders allow borrowers to take their stocks for a fee.
- This project involves development/maintenance of various business applications which ensure smooth and Straight through Processing (STP) of every trade executed by the user.

09/2008 - 10/2010

**Wipro Technologies Durham North Carolina**

**Technical Lead / GlaxoSmithkline**

- Worked for the Email Preservation application Team. This system archives user emails for easier retrieval at any time in the future. Worked on development and maintenance of various Java applications used for indexing and archival of Emails eventually replaced by MS - ProofPoint.

07/2004 - 09/2008

**Wipro Technologies Bengaluru , India**

**Technical Lead / Senior Java developer / Hewlett Packard**

- Senior Developer and lead of HP Nonstop Platform Type-2 and Type-4 JDBC application suite used for application connectivity to HP Nonstop SQL Databases.

## EDUCATION

Degree, City And Country Where the School Located **Bachelor of Computer Science & Engineering - 4 year degree**  
Amrita Institute of Technology - Tamil Nadu - India