

Kamalraj D

Senior Software Developer

Highly passionate and skilled Software Engineer having 8 plus years of experience with an ability to work in a fast-paced agile environment. A team player and determined individual with a never give up attitude. Seeking opportunities to use my skills and experience to solve complex and challenging problems.

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WORK EXPERIENCE

Senior Engineer - Product and Platform - Altimetrik .

CITI - STIRT – Short-Term Interest Rate Trading .

01/2023 - Present

Chennai, Tamil Nadu.

Achievements/Tasks

- Worked on Citi's STIRT desk platform, which facilitates trading and risk management of short-term interest rate derivatives including OIS, FX swaps, Cash and Derivative. The system supports liquidity operations, pricing models, and real-time trade execution in alignment with global monetary policies.
- Developed and maintained microservices in Java & Spring Boot to handle trade lifecycle events and pricing flows .Designed APIs for managing FX forward curves and swap rate configurations.
- Integrated Kafka-based event streaming to enable real-time updates for interest rate product trades.

Senior Engineer - Product and Platform - Altimetrik .

Paypal - Risk Platform

01/2022 - 01/2023

Chennai, Tamil Nadu

Achievements/Tasks

- Risk Platform is a core system that identifies, prevents, and mitigates fraud, financial risk, and policy violations across global payment transactions.
- Worked on Components involved in Merchant Risk platforms for Hold , Release and Settings option. Actively involved in Raptor Application Version Upgrade

Senior Software Engineer -Globallogic Ericsson RM-EDM

08/2020 - 12/2021

Chennai, Tamil Nadu

Achievements/Tasks

- Worked in Event Data Management project, which receives information about subscriber transactions in the form of avros. This information is stored in HBase, to be retrieved when a REST request is fired.

Software Developer

IVTL Infoview Technologies

09/2016 - 07/2020

Chennai, Tamil Nadu

Achievements/Tasks

- Conversion of back end SQL logic of the service into Java based logic in order to accommodate the change in database from Oracle to Cassandra No SQL.
- Worked as a key developer in analysing SQL queries to implement equivalent operation in java using Streams, Collections and KVA

SKILLS

Java

Spring Boot

Microservices

Apache Kafka

Apache camel

RestApi

Mysql

Jenkins

Cassandra

PROJECTS & ACCOMPLISHMENTS

STIRT - RTR

- Planned and implemented Spring Boot microservices to handle interest rate trade flows, including pricing, settlement, and risk data exchange Built Kafka consumers and producers for processing trade events, rate updates, and audit logs in a scalable and fault-tolerant way.

Risk Platform

- Achieved seamless integration using Apache Camel and Apache kafka to integrate backend services in the Risk Platform, enabling seamless routing and message flow. Configured Camel routes for consuming transactions, performing data transformation, and handling errors efficiently.

EDUCATION

Bachelor of Engineering in Electronics and Communication

Alagappa Chettiar Government College of Engineering & Technology

01/2012 - 05/2016

Karaikudi, Tamil Nadu

LANGUAGES

English



Tamil

