

Sivananda Panda

Skilled Java Developer with 11+ years of experience in backend and web based applications specializing in software design and development process including requirement definition, prototyping, and proof of concept, interface implementation, testing and maintenance.

sivananda.panda1@gmail.com

+65 86412564

Singapore

WORK EXPERIENCE

Citi, Singapore— *Vice President*

July 2019 - PRESENT

- Currently working on Structured Pricer which is a web based application for pricing structured products, run various risks like delta/vega, publish volatility and run expiry reports.
- Implemented volatility publisher.
- Implemented Trade search functionality which allows traders to search for trades and load those trades in the application to price or run risks
- Implemented reporting module where traders can run exercise reports for exercise probabilities and various other price parameters.
- Implemented customizable market data where traders can select/unselect or customize various market data objects to create their own market data.
- On-boarded various structured products to the application.

Citi, Singapore— *Assistant Vice President*

April 2019 - July 2019

- Worked on FX DSP GUI which provides UI for ATMs(auto trader managers) to manage DSP client/stack configurations, manage client channels, apply live adjustments on stacks and view the prices published by various DSP stacks.
- Implemented Adjustment Category integration in DSP GUI which will help ATMs attribute the live adjustment to a particular category.

Citi, Singapore— *Assistant Vice President*

August 2016 - March 2019

- Worked on Fx Options MarketData as Team Lead which facilitates easy access of different kinds of market data like spot, forward, bond, yield, volatility etc. over rest api.
- Implemented Bloomberg fixings, dp q2 curve onboarding to market creation, auto failover for spot price feed, improved monitoring and lazy initialization for fixings for market data.

SKILLS

Java, Java EE/Jakarta EE

Spring, Spring boot

MicroProfile, Quarkus

Docker, Kubernetes, OpenShift

Maven, Gradle

Apache ZooKeeper, Apache Kafka, Apache Spark, Apache Storm, Apache Flink(Elementary)

Tibco EMS, Tibco RV, Solace

Oracle, MySQL

Redis, Couchbase, MongoDB, Gemfire

Git, Jira, Teamcity, Jenkins, uDeploy

ElasticSearch, Kibana, Logstash, Filebeat

Prometheus, Grafana, AppDynamics

Junit, Mockito, PowerMock, Cucumber(BDD)

JavaScript, TypeScript, Angular, React, HTML, CSS, Web Components (All Elementary)

OpenID Connect, Keycloak

Citi, Singapore— Assistant Vice President

August 2016 - March 2018

- Worked in Proteus which is a new generation trade processing system for FX Options.
- Implemented Auto Exercise/Expire module, integration with LCH for clearing bilateral trades, IHS MarkitServ for trade affirmations and improved rollover functionalities.
- Implemented Rest web service using Spring boot which replaced legacy .Net IIS web services.

Citi, India— Officer

August 2015 - July 2016

- Worked in FX AutoTrader which provides an automated trading platform to enable FX business to perform Pricing, Trading, Hedging, Risk Management, client distribution and Market Making activities without manual trader intervention.
- On-boarded new Market Neutral3 stack, implemented Direct rung multiplier (traffic light) which enables traders to adjust the rung multipliers for the price stacks published on the fly, NDF crosses.
- Implemented a behavior driven testing framework using Cucumber for all complex Pricing/Dealing flows, Risk Management scenarios.

Citi, India— Officer

October 2012 - July 2015

- Worked with FX Benchmark which is one of the oldest Citi products originating from 1998 offering Citi's official benchmark fx rates.
- Designed, developed and implemented applications which improved performance by replacing legacy pricing engine, improved position manager time taken by 3 times, automated manual DST process among many others.

Loylogic, India— Software Engineer

August 2011 - September 2012

- Design and development for PointsPay (which is a mobile wallet and payment system) using Java and SOAP web services.
- Built a custom framework for notifications (mails, sms etc.) which was used across all the teams for which previously a lot of effort was involved to build this for each client onboarding.
- Set up Engagement DB using JasperSoft ETL for reporting.

EDUCATION

National Institute Of
Technology, Jalandhar, India
— *Bachelor of Technology*

2005 - 2009

Instrumentation And Control
Engineering

CERTIFICATIONS

(1Z0-851) OCPJP 6 Oracle
Certified Professional, Java SE
6 Programmer

Talentica, India— *Software Engineer*

March 2011 - August 2011

- Development of Loylogic Storefront application which is a white label application used for customizing ecommerce reward shops for different clients like Etihad Airways, United Airways, Baltic Airlines etc. using Java, JSP, servlet and struts.

Alacriti, India— *Software Engineer*

September 2009 - March 2011

- Developed robust Java web applications using JSP, servlet and struts framework for healthcare application Nephroplus.
- Participated in complete software development lifecycle, including performance analysis, design, development and testing.