

ABHYANKAR CHAUBEY

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PROFESSIONAL SUMMARY

Coding enthusiast with expertise in **Data Structures and Algorithms** and experience in designing & developing Low latency trading applications in Front Office & Post-Trade Systems using Core Java, Spring Boot, KDB, SQL

WORK EXPERIENCE

Millennium Management | Software Engineer | Singapore

May 2020 - Present

Working as Software Engineer in Trading Services Technology which caters post-trade, commission calculation, aggregation, validation, booking request to booking system for all asset classes.

- Developed Dashboard for **Commission Calculation** for Broker charges for USA, ASIA markets which helps the firm to accurately calculate brokerage using Spring Boot, Java 8, SQL
- Design and build **Automation Testing Framework** for Trading Services from scratch which has significantly improved release cycle using Spring Boot, Java 8, Jtwig, Solace.
- Containerization Automation Testing module using **Docker** and running test inside container which involves C++ binaries, Solace, KDB, Java 8.
- Build applications for Middle Office team to **Reduce Manual Reconciliation** task using Rest Api, Spring Boot, KDB
- Build **Simulators for Booking API** to reduce dependency on external system for testing.

MCI | Software Consultant | Singapore

Feb 2020 - May 2020

- Development of FX System for UOB Bank using Java 8, Python, FIX

Bank of America (Randstad) | Technical Consultant | Singapore

Sep 2018 - Feb 2020

Front office Rates E-trading developer in Bank of America for B2B and B2C markets.

- Developed modules for **migrating legacy e-trading** system to current (GRET) using Google Juice, Java 8, AMPS, KDB
- Developed modules for **EUR/GBP Swap** for trade negotiation life-cycle
- Designed and build the entire module for **Integration testing from scratch** using Cucumber, Java 8, Google Juice for all workflow of rates e-trading and deployed the same in Jenkins.
- Involved in **Refactoring** of EMEA e-trading module & core e-trading framework to be used across regions which helped in fast rollout of products across regions.

J.P. Morgan Chase | Application Developer | India

May 2016 - Sept 2018

FICC FX Sales Trader workflow & Order Management System (OMS)

- Implemented **Can I Transact** services for MIFID2 from scratch using Java 8, Spring Boot.
- Developed **Data Service** implementation using Apache Lucene which acts a single cache for Rates, CDS, FX system there by reducing dependency on various systems.
- Designed **Low-latency pricing** system to provide real time Market data.

Deloitte | Consultant | India

May 2014 - April 2016

Healthcare: Supported State Based Marketplace (SSBM) provides an online marketplace to apply for public health programs and purchase minimum essential coverage as required by Affordable Care Act guidelines.

- **Reduce time** to load the pages by caching resources from DB at start up using Google Analytics, Spring MVC, Java.
- Improved web page rendering time by performing Y-slow scan, and removed existing deadlocks from DB2 legacy system

Infosys | Senior System Engineer | India

Jan 2013 - April 2014

DbEagle is a web-based application that provides an integrated workflow platform for Corporate Treasury Sales staff to manage compliance and documentation requirements as part of selling CTS products to them customers.

- Developed applications that support Deutsche Bank Corporate Treasury Sales staff using Java 6, Spring.
- **Refractor** existing legacy code and automate jobs to Jenkins.

Atos | Software Developer | India

Sep 2010 - Jan 2013

Electronic Document Management System is a complete authoring and publishing system deployed in Schlumberger OFS and maintained by Atos India

- **Reduce time for PDF generation** by redesigning the system flow and made application multithreaded for PDF generation using Java

Technical Skills

Core Skills	Java, Multithreading, Data Structure & Algorithm, Microservices, Spring Boot, Design Patterns, Fix, Feature Toggle, Python Scripting
Messaging/Caching	AMPS, Empire, Solace, Kafka, Redis
Testing framework	JUnit Testing, Mockito, Cucumber (Behavioral testing)
Storage technique	SQL – Oracle DB, NoSQL, Time Series DB (KDB)
Miscellaneous	Git, Maven, Gradle, Unix, Apache Tomcat, Jenkins, Ansible, Docker

EDUCATION

University of Mumbai, India

Graduated July 2010

B.E. in Information Technology