Saurabh Singh Gangwar

Sr. Programmer analyst

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Relocation : German VISA in progress.

Est. Date : 12th Jan'2021

💼 Tech Stack

Language

JAVA 8, Pro*C

Distributed frameworks

Apache Storm, Kafka

Web Technologies

Java script, web services, XML, HTML, AWS

IDE and tools

IntelliJ, Eclipse, putty, ClearCase, JIRA, GIT, Oracle PL/SQL dev, Teamcity, Bitbucket, uDeploy, Autosys, Maven, Gradle, Ant, CI/CD

Platforms

OS(Windows, Linux), Servers (Tomcat)

Frameworks

Springboot- microservices

Databases

Oracle, Pl SQL

Others

Agile, Ds and algo., Design principles, Multithreading

Profile Summary

- 7.5 years of experience in product development and maintenance projects with exposure to retail (2+ years) and banking (5 years) domain.
- Strong problem solving, efficient communication, and organizational skills.
- Involved in various phases of project life cycle such as requirement discussions, functional analysis, technical design analysis, product development, unit testing, release planning, and delivery while mentoring, training, and helping peers.
- Keenly involved in enhancing functional knowledge while working with BA, clien for enhancements, and an active participant on team and business unit level presentation forums on functional areas

Experience timeline

May '18 – to date As a Sr Programmer analyst with Citi Corp, Pune.

Jun' 16 – Apr' 18 As a Sr Product Engineer with Harman, Bangalore

Mar' 13 – Mar'16 as a Software developer with TCS, Gurgaon.

Current organization (Citi Corp.) Projects

Project #1: Flex to Angular migration (Jan'20 – till now)
Tech Stack: Java8, SQL, PL/SQL, microservices, Spring Boot

TPS2 is a legacy system designed in Flex and aim of the project is to convert the implementation into an Angular application with Backend as microservices.

Responsibilities:

- To analyze old module and propose new microservice framework module for same.
- Involved in development of complex DB packages.
- Mentored newly hired peers to deliver small enhancements.

Project #2   : Bulk order for tradelink TPS2 (Jan'19 – Dec'19)
Tech Stack   : Java8, SQL, PL/SQL, Rest Web services, Spring Boot

Trade Link is an intranet application used by banker's only to book trades for multiple ass class. Earlier if banker need to book more than one order they need to place the orders again and again. With bulk order functionality multiple orders can be booked at same tim

Responsibilities:

- Understanding functional requirements and analyzing the technical solution for th same.
- Involved in development of complex DB packages.
- Mentored newly hired peers to deliver small enhancements.
- Production issues - analysis and fix.

Project #3   **: GCMP for TPS2 (May'18 – Dec'18)**

Tech Stack   : Storm, Kafka, Spring Boot, Java, Web Services, ORACLE 12C

A Capital Markets team of Private Banking Technology group, TPS2 is a trade processing platform used to book deals and execute events on those deals by the desk. It supports multiple financial Interest Rates Derivatives etc, which includes manual trade booking, Back-office processing. With several modules in TPS2 for different products; deals were either booked manually or batch programs were there to process the same from staging tables. Global Capital Markets Platform (GCMP) framework, a distributed real-time stream (trade messages) processing system using Apache Storm, Apache Kafka, Gemfire cache, and Oracle-as-a-Service database was initiated to give real-time feature at the same time comply with FRTB regulations.

Responsibilities:

- Development of product processors considering real-time challenges over distributed systems
- Optimizing the performance of the application components.
- Established unit testing framework with JUnit
- Build a new module for bulk order using storm Kafka based framework
- Production issues analysis and implementation of the fix

Previous projects

Project #	: RN20 E-Commerce System
Technical Environment	: AWS kinesis, Node JS, Post Gresql, ORACLE 12C, Pro*C
Organization	: Harman, Bangalore

Description   : Currently, GOLD mobility and desktop application manage the operations of a retailer. It gives solution to various activities related to shop or warehouse, such as replenishment, reception of orders, stock, etc. RN20 was proposed in order to deal with problems where customer requests to the application significantly increased to a limit where performance factors were not as per needed in real-time scenario of a shop or warehouse. It gives a system where more than 2500 requests per minute can be served with no impact on performance.

Responsibilities:

- Understanding functional requirements and analyzing the technical solution for the same. Impact analysis, figuring out low-level implementation issues if any, proposing better solutions for a given high-level technical solution.
- Development and unit tests of a given functional requirement.

Project #	: GOLD central (GSO and GSM)
Technical Environment	: JAVA, WEB SERVICES, ORACLE 12C, JavaScript, proc, UNIX
Organization	: Harman, Bangalore

Description: GOLD mobility and desktop application manage the operations of a retailer. It gives solutions to various activities related to shops or warehouses. GSO is a web-based central module that optimizes various tasks from the point a new product is launched until it is made available to the end consumers. GSM is a mobile solution to shop operations where users (shop workers) can work on their assigned role-specific tasks based on the various preset parameters.

Responsibilities:

- GUI and Back end programming to process the data according to the requirements and confirmation of the quality of the code by unit testing.
- Primary responsibility includes requirement analysis, development, and enhancement of the product.
- Planning for memory management and performance optimization.
- Interaction with onshore architects in various phases of development.

Project #	: TCS Bancs
Technical Environment	: JAVA, ORACLE 11G, XML, JSP, UNIX
Organization	: TCS

Description: TCS BaNCS is a core banking software suite use by retail banks like JP Morgan, BNP. It includes functions for universal banking, core banking, and payments. It handles Corporate Action Announcements, Interfaces to capture Swift Messages and flat files, captures cash and securities movements, and sends notifications to business partners according to their roles.

Responsibilities:

- Development of GUI and Back end programming to process the data according to the requirements and confirmation of the quality of the code by unit testing and system testing.
- Primary responsibility includes requirement analysis, development, and enhancement of the product.
- Planning for memory management and performance optimization.
- Interaction with the client in various phases of development.
- Handling of different countries' market requirements while releasing the same version to all the Banks.
- Development of different modules required to capture corporate actions and process them.

Education Qualification:

- B. Tech. (Computer Science) – UPT University (2008-2012) with 75.6%
- 12th – UP Board (2006-2007) with 75.2 %
- 10th – UP Board (2004-2005) with 66.5 %

Achievement

- "Take a Bow" Award for excellent learning and commitment.
- Best Team Award for excellent performance for 3 months with TCS.
- Gold Award with CITI

Personal Details

- DATE OF BIRTH　　:　　01 JUL 1990
- LANGUAGES　　:　　English, Hindi, German (learning beginner level)
- MARITAL STATUS :　　Married

Declaration

I hereby declare that all the information given by me is true to best of my knowledge. References can be provided on request.

Place: Pune　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Saurabh Singh Gangwar**