**Saroj Kumar**

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**SUMMARY**

* Java professional with **over 16 years of experience** in Requirement analysis, Design, Development, Testing, Deployment in multi-tier environment
* Strong experience in **Java 8, Servlet, JSP, SpringBoot, SpringData, Hibernate, JPA, Micro Services, Restful, Kafka, Oracle, MySQL, MongoDB, Docker, AWS.**
* Experience in Application Servers like **Tomcat, WebSphere, Weblogic**
* Experience in implementing OOAD concepts and J2EE Design Patterns into the development process and have a good exposure to SDLC processes.
* Proficient with tools like **Rational Rose, Power Designer, ErWin, SVN, Git, Jenkins, CICD.**
* Good **written/verbal** skill

**TECHNICAL SKILLS**

*Operating Systems:* Solaris, Linux, Windows, UNIX, Mac

*Programming Languages*: Java, Ant, Maven, Gradle, Shell Scripts, UML, JQuery, Ajax

*Advanced Technologies:* Core Java, Android, Servlet, JSP, SpringBoot, SpringData,

 Hibernate, JPA, Restful Web Services, Kafka, Micro Services, EJB, AWS.

*RDBMS/DBMS:* Oracle, MySql, SQL Server

*NOSQL*: MongoDB

*Application Servers:* WebSphere, Weblogic, Tomcat.

*Tools:* Erwin, Rational Rose, Power Designer, Eclipse, IntelliJ, Git, Jira, Confluence.

*Functional Areas:* Logistics, Trading, Finance/Payment, e-Commerce (B2B, B2C), Medical,

 Transportation, Retail, Mobile.

**EDUCATION**

B.E., Computer Science, Bangalore University, India

**WORK EXPERIENCE**

**GAP, San Francisco, CA**

*Apr 21 - Till Date – Senior Developer*

# Project: NGPOS – Next Generation Point of Sale System - It handles Complete Store Sales Transactions like Sales Transactions, Return Transactions. Handle both Online (Cross channel) and store returns, Exchange transactions, Price Adjustments, Tender Override, Store Open, Store Close, Tax Exemption, Post void. Gift Card Issue, Card Enrolments.

***Responsibilities:***

* Responsible for requirements analysis, technical design, implementation and testing.
* Developed business logic following Java8, Rest Services, Spring boot, Message broker using Rabbit MQ, Kafka.
* Created the tables, their columns, constraints and sequences using Liquibase.
* Developed load testing scripts using gatling.
* Worked on database migration from Oracle to MariaDB.
* Worked on spring boot upgrade.
* Designed and developed payment library with payment provider.
* Developed MockItto test cases for all payments scenarios.
* Developed KMM android library for android and ios.
* Upgraded projects to Java11

*Environment:* Java 1.8, J2EE, SQL, Spring Boot, JIRA, Confluence, Kafka, DevOps, New Relic, Grafana, CI/CD, Jenkins, Avro, REST Architecture, PCF, Postman, Gradle, Webservices, JDBC, RabbitMQ, MariaDB.

**Target, San Francisco, CA**

*Jan 17 – Mar 21 - Senior Developer*

# Project: Connected Commerce Platform– It is an ecommerce platform which provides retail, activate, insure, and protect functionality to the customers.

***Responsibilities:***

* Designed and developed Pricing Module which can be integrated with any micro service.
* Designed and developed AURUS insurance.
* Developed BDD end to end automation using cucumber framework.
* Developed workflow module for aurus payments
* Integrated with aurus payment gateway
* Developed micro services for payments
* Designed, developed, integrated – wearable device addition/activation module into system.
* Analyzing and fixing UAT/Customer/production issues
* Using Kafka messaging to cancel orders and stale orders

*Environment:* Java/J2ee, Tomcat, IntelliJ, SpringBoot, SpringData, AWS, Gradle, Git, Micro Services, Kafka, MySql, MongoDB, Jenkins.

**FISERV(CASHEDGE), Sunnyvale, CA**

*Oct 12 – Dec 16 - Senior Software Developer*

**Project:** **ZellePay**– ZellePay is a P2P money movement service which allows to send money, request money to an email, phone, account. Zelle partners with leading banks and credit unions to make money move quickly and securely.

**Project:** **PopMoney**– The Popmoney is a personal payment service which lets send money to friends, family or anyone. It is person to person transfer service and majority of banks supports it. The application is Jaws tool compatible which is used by handicapped person.

**Project:** **Compass Web (for Clients)**– The compass is a web admin tool which is used by CSRs of bank to take actions on payments, monitor user activities, suspend transactions, give privileges, update limits and other activities.

**Project:** **FI Rest APIs(for Banks)**– The Rest APIs are exposed for clients who utilizes our Popmoney services into their application.

***Responsibilities:***

* Developed and Exposed Restful web services for UI/Client.
* Designed and Developed various APIs for Send Money, Activities, TODOs,
* Designed and Developed Compass Admin tool for bank representative which facilitates configuration of data, admin activities, user activities, user restrictions.
* Integrated with Twilio for SMS/Phone/PIN/ for authentication for risk verification.
* Integrated with Verid for risk verification.
* Used NoSQL to put the error logs, generate various reports of user transactions, activities, feedback / developed UI for retrieving these data and displaying these to admins/users.
* Built persistent modules ORM model using Hibernate/JPA, used ehCache for caching.
* Built a script to check the performance of the apis in weblogic logs and generate report
* Analyze and Fix QA/pre-production/production issues.

***Environment****:* Java/J2ee, Weblogic, Oracle, MongoDB, Restful services, Spring Core/MVC/JDBC, Hibernate, ehCache, JPA, JSP, Maven, Eclipse, Guava.

**ETRADE, Menlo Park, CA**

*Feb 09 – Sep 12 – Senior Software Developer*

**Project1:** **ETRADE Trading APIs** – The Restful APIs for Trading, it’s consumers are mobile platforms: ETRADE widgets, IPhone, Android, and third party app developers.

***Responsibilities:***

* I was involved setting up & coming up with frameworks & base code base.
* Developed several REST web services supporting both XML and JSON.
* APIS: News, Watch Lists, Accounts, Portfolios, Alerts, Trade.
* Used SOAP UI for verification.
* Analyzing and fixing UAT/Customer/production issues

*Environment:* Java/J2ee, Tomcat, Eclipse, Spring APIs, Restful Web Services, JSON, XML, SOAP UI.

**Project2:** **Android** – It is a complete trading platform in android market which manages complete life cycle of trading business. The users run the app on android device and gets complete functionality for trading.

***Responsibilities:***

* I was involved in designing & developing data access layer(DAO).
* Developed screens trading, complex options, dynamic lookup, charts
* Developed CNBC player, video on demand and video search
* Developed online streaming on Quote/Trading screens
* Developed parsing module for web service output
* Developed Mobile Check Deposit through device using camera api
* Used fragments, action bar, Google Cloud Messaging.
* Developed custom components.
* Used sound API to implement voice commands.

*Environment:* Android API, Java, Eclipse, Ant, JDK, web services.

**InnoPath Inc, Sunnyvale, CA**

*Aug 08 – Jan 09 - Senior Java Developer*

Project: *iMDM* – It is Internet Mobile Device Management (IMDM) software which manages complete life cycle of online update of mobile firmware. It handles multiple tasks for firmware and user management and generates various reports to analyze and improve product service

***Responsibilities:***

* I was involved in developing UI and reporting section of application. Developed search module using spring and hibernate. Wrote all required java classes for search.
* Developed java beans for crystal reports for data source
* Developed views & store procedures
* Developed SQL loader & shell scripts.

*Environment:* SunOS, Weblogic, Java, Oracle10g, Spring, Hibernate, Perforce, DevTrack, log4j, Eclipse, Stored procedures, Crystal reports

**eBay Inc, San Jose, CA**

*Apr 08 – Aug 08 - Senior Java Developer*

Project: Fairmarket is ecommerce site where merchant place their auctions and individual or other trader bid and buy it. The users can place items for sale, bidders bid on it and finally transaction is completed with highest bidder winning the item.

***Responsibilities:***

* Developed modules like lot placement, bidding, http image uploading using Spring and Hibernate
* Developed customized registration module for different customers, user search
* Developed store procedures
* Developed bidding logics for various bidding types using core java
* Used Spring as presentation and Hibernate as persistence framework

*Environment:* Tomcat, Java, SQL Server, Spring, Hibernate, ClearCase, ClearQuest, JavaScript, log4j, Eclipse, Stored procedures.

**FedEx, Memphis, TN**

*Aug 05 – Mar 08 - Technical Leader*

FedEx is world’s one of biggest shipping companies. I was involved in various back-end and front-end applications, most of which, were Java/Swing based UI applications covering multiple aspects of FedEx business. Some of the bigger projects, I have worked, are given below:

**Project 1**: *Revenue Management System* -- The revenue data is retrieved from various companies database and put into relational database. Processing module processes customer shipment information and calculates for various stages on daily basis. The Revenue analyst sees the data using GUI, how revenue is being drawn down as the revenue flows thru stages.

**Project 2:** *Revenue Systems GUIs Enhancement* -- GUIs are used by administrator for country, Currency, Exchange Rate, RCCE, Error handling which acts as important element in shipment billing calculation. Country/Currency/Exchange Rate GUI has all related information. User can see & modify the information.

**Project 3:** *Canned Report Module* – This is a set of pre-generated crystal reports and kept in CMS server. Since the data volume is so high it may take long time for the user to get the report. The reports are deployed and scheduled in CMS server in the mid night and kept ready for the users.

**Project 4:** *Variable Performance Earning Plans (VPEP)*

VPEP is an intranet application used to calculate Variable Pay and Earning Plan. It has sales agent, service centers, billing data, Admin modules. Based on different pay out criteria reports are generated.

***Responsibilities:***

* Involved in all aspects of SDLC for above applications/projects
* Involved in developing complex GUI screens
* Developed Use cases, Class diagram & sequence diagrams
* Developed GUI using Swing according to Fedex GUI standards.
* Did extensive customization of GUI components as needed. For example, customized JTable and JTree components to the requirement, which needed to implement sorting, filtering.
* Implemented multithreading for reprocessing to handle multiple tasks.
* Implemented Java Web Start for auto download and launch the application
* Involved in code reviews, bug fixes and maintenance of applications
* Deployed and supported applications in production
* For “canned Reports” project, developed code, shell scripts and reports and deployed reports in CMS server. Developed UI and calculation modules using struts

*Environment:* Java, Weblogic, Linux, Swing, Spring, JWS, Sybase, Rational Rose, Clear Case, JUnit, JBuilder, PDFLib, WebSphere Server, Crystal Reports, Eclipse, Stored procedures.