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Senior Java Developer 703-509-7572

# Executive Summary

Over all 12 years of experience as a developer and Architect with rapid development and coding in java and many other open source tools and technologies.

As a Solution Architect for 2 year, providing solution for various business scenarios, Worked on **Enterprise integration solutions**. Involved in **System performance improvements**. Designing and Architecting the solutions using various open source tools and technologies with intensive coding using **microservices** with **spring boot and OSGI** . Solutions provided for government agencies like NOAA building enterprise dissemination platform for publishing weather messages with high data rate during critical weather, and provide architecture for **Enterprise reporting platform** where System that involves document exchange between various parties, enroll a party with minimum code changes.

As Senior Java developer with over **10 years** of experience in variety of technologies and tools and having professional experience in working in **Japan, US and India** on variety of client projects. My projects include large enterprise applications at **DOC NOAA, Bank of America, ADP** and **Nikko Cordial, Japan**. Java development experience includes exposure to **diversified layers/areas** like **enterprise**, **web, middleware, back-end**, integration and security. I have extensive experience in web based technologies like **OSGI, camel, Mulesoft, EIP**, **struts, spring** and middleware like Spring AOP, Spring Batch, Apache karaf, Servicemix and java based back-end. Working on applications serves such as **JBOSS**, **Websphere, Tomcat,** **Weblogic** and **WebSphere**, EIP containers like **Apache karaf, ServiceMix, spring boot micro services.** Working on variety of **testing tools** and very familiar with processes like **agile scrum** and iterative. I have **Master** in Computer Applications.

# Highlights

* Expertise in **spring** technologies in various layers like **spring web, integration, batch, data**
* Expertise in web based technologies like **struts 1.x 2.x, spring, JSF 2.0** and Client side technology like **java script, JQuery, CSS, Axaj, Json, HTML, and XHTML**.
* Expertise in middleware technologies like **J2EE based JMS, EJB, JTA**, and other open source technologies in middleware like Spring AOP, Spring Batch, Spring Integration etc..
* Expertise in java based back-end and technologies like **DAO, Ibatis, Apache-MyBatis** and open source ORM tools like Hibernate, JPA, and Spring Data layer.
* Expertise in distributed cache using **Hazelcast** using hibernate and also application level cache.
* Developed services for Simulators for inbound and outbound messaging system using spring micro services.
* Expertise in integration layers using **webservices** JAX-RS, JAX-WS, Jersey framework, Axis 2.0, CXF, Spring-WS and JMS using Active-MQ.
* Expertise Security layers like JAAS, Spring Security, Spring LDAP, 2-way **SSL integration** with Rest and SOAP, 2-Way-2-Factor Authentication by RSA, HMAC, and OAuth integration.
* Expertise XML technologies like SAX, DOM, JAX-B, Stax parsing.
* Expertise in writing queries, **PL/SQL in Databases** like Oracle, Mysql.
* Worked with tools like Eclipse, WSAD, RAD, STS, TOAD, OSqlEdit, and SOAP-UI.
* Worked with application servers like **Weblogic, WebSphere, Jboss**, and Tomcat.
* Testing Strategy using Junit, Jbehave, Hibernate pojo testing using HsqlDB inmemory DB
* Having around 11 years of experience in java development in diversified layers/areas like web, middleware, back-end, integration, security, XML technologies.
* Expertise in Application architecture working in the area of technology introduction considering scalability, large data handling, considering performance and memory management.
* Understanding API lifecycle in **Mulesoft**, Defining and Managing API’s in **API Manager** understanding of RAML defining API’s, mocking the API’s.
* Expertise on **AnypointStudio** with various components in **Mule Palette, Global Elements.**
* Expertise in Data transformation using **DataWeave.**
* Integration Mulesoft with **spring based** backend framework like **JPA**, **Hibernate** and messaging software’s like ActiveMq.
* Expertise in middleware messaging in JMS, Activemq.
* Well versed with Mulesoft scripting language and **MUnit** tests**.**
* Expertise in OSGI based application using related tool like **camel**, **blueprint**, and **spring** integration with containers like Apache **karaf**, **ServiceMix**, **Jboss** **ESB**, and **Fuse**.
* As part of migration of servers into **AWS cloud**, understanding ASW ports and protocols, File System, Security, multicasting for load balancing.
* Developed applications using **AWS SDK, Camel AWS**
* Evaluation with various OSGI containers for including **Mulesoft**.
* Load testing and performance testing tools like Load runner, JMeter, Optimize-it
* Methodologies followed agile scrum, iterative, spiral, RUP.

# Technical Skills

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| **Development Methodologies** | Agile, Test driven development, Iterative, Scrum, Prototype, Though works Typical Product Method. |
| **J2EE Technologies** | Servlets, JSP, String templates, Struts, Spring (I and II), XML, SAX, DOM, XPATH, Jax-B, JMS, JAX-M, JAX-RPC, Hibernate, EJB2.0, EJB3.0, JPA. |
| **EIP Technologies** | Apache karaf, Camel, blueprint, ServiceMix. Jobss ESB, Mulesoft. |
| **Integration/middleware** | JMS, activeMq, Rest, Soap, JAX-RS, JAX-WS, Jersey for Rest. Spring boot Microservices. |
| **Web/Application Servers** | Apache Tomcat 5.x , IBM WebSphere 4.x , JBOSS 5.x, Weblogic |
| **Configuration Tools** | Rational Clear Case, WIN-CVS Perforce. |
| **Databases** | Oracle, MS-Access, MySQL |
| **Tools / IDEs** | Anypoint Studio,IntelliJ, STS ,IBM RAD, IBM WSAD, Eclipse, HTML,  Jquery, JSON, GSON, Maven, Hudson |
| **Scripting and tools** | Unix shell programming, Node JS, DOJO, Perl |
| **Messaging Standards** | HL7, IFX, ISO, MT101, MT5-series, X12. |

**Professional Experience**

## Capital one Bank McLean, VA July 2017 to Present

#### System Consultant Projects description

Design develop and deploy Document exchange platform w.r.t Murex and Quantum is trading application for capital markets, System involve various counter parties purchasing loans and other Assets exchange data, documents and Reports. Build a common platform that makes possible for any kind of information exchange.

**Responsibilities include:**

* Design and develop new framework for **Micro services using Spring boot** and **Camel framework**.
* AWS development with SQS, S3 RDS LAMDA functions for notifications.
* Micro services security layer using API gateway and 2wayssl investigation
* micro services.
* Migration from oracle to PostgreSQL and query improvements to improve performance in **PostgreSQL**.

### Environment:

JAVA 1.8, Spring boot, J2EE, , STS, Postgresql, GIT hub, Spring security, JAX-RS, Jersey, 2-way SSL, H2DB for Junits integration testing, Continuous Integration and Delivery using Jenkins maven GIT flow.

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## DOC (NOAA) Silver Spring, MD, USA Oct 2014 to June 2017

#### Senior Consultant Projects description

This System is an enterprise dissemination platform that consumes weather messages to National Oceanic and Atmospheric Administration via various systems and publish to subscribers. We have developed and Enterprise service Bus using OSGI technologies that consumers and produces messages. Evaluation Mulesoft, Camel with OSGI containers like karaf, Fuse. Another version of this system was developed using Mulesoft, involved in writing artifacts and API’s using Mulesoft frameworks. This project has web development for subscription management which uses Spring web, Hibernate, Jersey for rest client.

**Responsibilities include:**

* Develop Subscription management using **spring web**, bulk upload for subscribers.
* Batch programming for purge functionality and data migration using **spring batch**.
* Hibernate integration with Apache karaf, Migrate db calls to hibernate API in data layer.
* Developed spring service layer, making service independent of OSGI layer. Later migrate services to micro bundles.
* Distributed caching for hibernate second level cache using hazlecast.
* Distributed programming across nodes using hazlecast api.
* **Spring security** framework for access by administrators of the system.
* **Web services** consume and produce with Mulesoft and Apache karaf. With **Jax-RS and JAX-WS**
* Providing solution consulting for various systems requirements in **Java/2ee/OSGI technologies**.
* Design, develop and test **Apache camel** routes that will ingest, parse and transport the messages. **Using spring and blueprint**.
* Design and develop Spring boot micro services for inbound and outbound micro services.
* Query improvements to improve performance in **Postgresql**.
* Enhancing DB layer to introduce Hibernate integrating with OSGI, to make use of second level cache.
* Worked in generalizing the system that can accepts more feeds and produces messages to various consumers.
* Worked on System integration named EMWIN from end to end.
* Participated to migrate application from VM to cloud AWS, understand the file system AWS multicast and ports and protocols.
* Front-end development for subscribers and subscriptions for weather messages.
* Extensive usage of java script node js for non-blocking for bulk upload for subscribers.
* Used GIT flow, Jenkins for continuous integration.
* Evaluating Mulesoft and camel OSGI, understanding routes vs flows, integration of activemq with camel and Mulesoft to understand complexity Integration JPA with Mulesoft and camel.
* Load Test with camel and Mulesoft by File components, http components, and JMS activemq components.
* Understand the various components of Mulesoft and camel, and compare those components with respect to EIP.
* DB layer integration with Mulesoft container and Apache karaf.

### Environment:

JAVA 1.8, Spring, J2EE, , Eclipse, Postgresql, GIT hub, Gerrit-Git code review, Apache karaf, Jboss, Wild-Fly, ServiceMix, Felix , Hibernate, Hazelcast, Spring security, JAX-RS, Jersey, 2-way SSL, H2DB for Junits integration testing, Continuous Integration and Delivery using Jenkins maven GIT flow.

## ADP Hyderabad, India Sep 2013 to Oct 2014

#### Senior Developer Projects description

This Product is Supply Chain Management for Oil and Gas industries which in increasing its scope in terms of business and also the platform like order, invoice, and legal document management.

**Responsibilities include:**

* Providing solution consulting for various systems requirements in Java/2ee technologies including extensive migration from **struts to JSF2.0**.
* Actively participated in migration strategy from **weblogic to tomcat** to reduce the cost of weblogic licenses and migrating webmethods to REST.
* Worked on **enhancements of UI** of variety of ADP applications using **dojo, node.js and XHTML.**
* Involved in developing and writing JSF components managed beans to handle request’s.
* Responsible for migration the logic layer in to **spring service layer** to take advantage of **spring** framework.
* Wrote MyBatis queries regular basis and writing corresponding DTO objects and also involved in **SQL Query tuning** on regular basis for reports which deals with million records per company with more than 20 tables using **SQL and Explain plan**.
* Migration of **JAAS** to **spring security** as part to reduce native dependency on **weblogic**.
* Worked in exposing Services to market place using **REST** using **Jersey API**.
* Worked on securing API’s using **2-way SSL certificate based authentication and HMAC**
* API Load Testing using **HTTP** api’s to connect Rest call and do load testing.

### Environment:

JAVA 1.6, Struts, J2EE, JSF, Eclipse, Oracle11G, TOAD, SVN, Spring batch, Spring MVC, MyBatis, Ant, Spring security, JAX-RS, Jersey, OData, HSQL , EJB.

## CIBT Visas Tysons Corner, VA, USA 3/2013 to 9/2013

#### Senior Java Developer

**CIBT** is travel based company that helps the companies and users to get Passport, VISA as part of travel arrangement.

* Worked in development of Stream Line Order processing system that facilitates new region of the company to be in integrated into the existing IT systems.
* Participated in Integration of **Cybersoruce payament gateway** for user to pay their invoices using JAX-WS.
* Extensively worked on enhancement of online order based system from **java script to jquery**.
* Worked in rewriting invoice processing system to simplify the existing **complex legacy system**.
* Performed Query tuning, performance testing using explain plan in toad for mysql.
* Worked on JASPER reports to generate executive reports.

**Environment:**

**JAVA 1.6, Servlet JSP, J2EE, JSF, Eclipse,MySql, TOAD, SVN, JAX-B, JAX-WS.**

## BANK OF AMERICA, Hyderabad, India. 3/2011 to 2/2013

#### Programmer/Analyst

**Projects description: *GLP*** (Global Liquidity Platform) is a service platform on which various Liquidity products are deployed. Then main goal of this project is to develop the framework initially and then develop products that can fit in the same platform. Main technologies are Java J2ee spring centric and maven as project management tool. ***GLP Products*** GFS: Global Fund Sweep, Customer can create Arrangement to schedule money transfer to various branches of Bank of America. MBS: Multi Bank Sweep, where customer can create Arrangement to schedule and money transfer to various banks throughout the globe. ***IS***: Investment sweeping, where money timely swept in MF account.

**Responsibilities include:**

* New **Product Kickoff, Inception**, Story and Acceptance Writing, Test Cases, Stack holders Meetings.
* Developed UI as per bank standards used by bank operators using HTML and converted in JSP’s
* Developed **Web components** using Struts 2.0 with pojo’s session interceptors etc...
* Developed service layer using spring annotations using spring based transactions and logging using spring AOP.
* Developed Hibernate pojo’s by understanding data model used Hibernate tools for development basic pojo’s with inheritance and relations.
* Load testing on Hibernate named queries and fixing indexing where ever required.
* Followed strategy of TDD using Junit based testing where writing test cases first and then writing logic based on test cases to reduce QA cost.
* Worked to consume market API’s to get latest currency rates etc…

**Environment:** JAVA 1.6, Spring, ActiveMQ, JMS, XML, JAX-B , Rest-WS Jersey api, struts 2.0, JSTL 2.0.

## Liquid hub Hyderabad, India.

## Software engineer 2009 – 2011

**Project: Yellow Books Inc.**

**Projects description:** Yellow book is online advertising company that has various customers in various domains like entertainment, hotels, educational, etc.

1. flow integration system that integrates the data collected from various ad-agents in to single system, this system is an intranet application using which user can enter the information by logging into it base on his roles. Even user from 3rd party system can interact with this application and save the data collected to maintain uniformity of the data.

*As a* ***Senior Java Developer****, responsibilities are*:

* + Written initial framework that fits to given business model
  + Written Jquery Accordions and strategy of CURD operations.
  + Migrated the normal project to Maven based project.
  + Development of HLD Screen Flow, Screen IO, Function Document.
  + Development of LLD and Pseudo code.
  + Plan and Execution of unit test.
  + Minor involvement of WSR preparation.

**Environment:** Java, J2EE, spring web, spring DAO, Hibernate, spring security for LDAP authentication, spring tiles, J-query.

## Project: Independence Blue Cross. Liquid hub Hyderabad, India.

#### Java Developer

**Projects description:** IBC is one of the leading health care insurance providers in US. It has various varieties of departments. Liquid Hub has designed, developed, Migrated, enhanced and maintained few applications like marketing and group portal. Marketing is strategic systems where the business people can identify the roles responsibility target and achievements online. Old group portal is similar system but it is in migration stage from Struts Framework to IBM portal.

Responsibilities include

* + Written Adapter pattern that will generalize the list based screens using XML Jax-b.
  + Written JSR-168 portlet using WebSphere portal server.
  + Written IBATIS queries and corresponding DTO objects.
  + Developed EJB’s using session façade pattern with rmi calls.
  + Developed OSS cache for screen fixed data with XML caching.
  + Minor involvement of WSR preparation.

**Environment**: Java, J2EE, Jsp, Servlets, Struts Framework, Ibatis ORM tool, Jax-B objects, OSS Cache.

## Project: Nikko Cordial, Yokohama, Japan 2006-2009

#### Java Developer

**Projects description**: Japan's third largest brokerage and subsidiary of Nikko Cordial Securities. In 2008, Nikko Cordial Corporation became a wholly owned subsidiary of Citigroup Inc., upon completion of share exchange and it merged with Citigroup Japan Holdings Ltd. to form Nikko Citi Holdings Inc.

IPO, Passmark Secured Login, Stock Notification System.

**IPO**: Initial public offers as part of EZ-Trade where issuing shares to customer using lottery based. Passmark for 2-way 2-Factor login in Monex based System by providing image while login to avoid phising. Fund Notification System in case of any new stock introduced for give brokerage of Ez-Trade.

Responsibilities include:

* Written Adapter pattern that will generalize the list based screens using XML Jax-b.
* Writing frameworks and enhancing custom web framework written on to of servlet layer. Worked closely with IBM team for Architecture development.
* Introduce Adaptor layer for web and messaging frameworks to make developer life easy in technical front and make them to focus on Business logic.
* Introduced XML based menus, by SAX parsing for easy xml changes will reflect menus with color style font etc..
* Development of HLD Screen Flow, Screen IO, Function Document.
* Development of LLD and Pseudo code.
* Plan and Execution of unit test.
* Minor involvement of WSR preparation..
* Introduced Class and Sequence Diagram to make communication with clients.

**Environment**: Java, Jsp, Servlets, IBM Beans framework (Similar to Struts Frame work), WSAD, CLEAR CASE, Load Runner 5.x JAX-WS.

# Education and Training

* Masters in Computer Applications, Osmania University, Hyderabad, India
* Mulesoft Certified developer.