**Jhansi Kota**

[jhansik1001@gmail.com](mailto:jhansik1001@gmail.com)

774-295-4725

**SR. JAVA/J2EE DEVELOPER**

**FULL STACK DEVELOPER**

**PROFESSIONAL SUMMARY:**

* Over 8+ years of experience in delivering enterprise solutions in multiple domains like Finance, Telecom, E-Commerce, Insurance, Health and other related domains. Expertise in conceptualizing, designing and coding technical solutions using Java/J2EE and UI technology stacks to satisfy peculiar and complex business problem statements.
* Experience in Agile software development process, Test Driven Development and Scrum methodologies.
* Proficient in applying design patterns like MVC, Singleton, Session Facade, Service Locator, Visitor, Observer, Decorator, Front Controller, Data Access Object.
* Experience in developing applications using Java/J2EE technologies like Servlets, Struts, accustom tags, Java Beans, EJB, Spring, Spring Boot, JDBC, Hibernate, JBPM, JMS, JSF.
* Strong experience in Spring 4.2.0 Framework modules such as Spring Core (IOC, Dependency Injection), Spring MVC, Spring AOP, Spring Cloud, Spring Data, Spring Security, Spring REST and Spring Boot.
* Expertise in UI technologies like XML, XML Spy, HTML, HTML5, DHTML, XHTML, CSS, CSS3, PHP, XSLT, JSON, jQuery, AJAX, JavaScript, ReactJS, BackboneJS.
* Used Grails, front end libraries such as JavaScript/jQuery, HTML, Sand-slight techniques applied in Groovy.
* Hands-on experience working and customizing Bootstrap framework to achieve responsiveness.
* Experience in creating Single Page Applications (SPAs) using JavaScript libraries like AngularJS with good knowledge with Two-way binding, Dependency Injection, Filters, Services, Controllers and Directives.
* Experienced in working with Spring JDBC Templates, JMS Templates, Spring EAI, Spring Rest Templates
* Experience in implementing SOA and Web Services using SOAP, REST, JAX-WS, JAX-RS, AXIS.
* Strong understanding of Microservices Design patterns – Hystrix, DTD, Aggregator, Proxy Chaining.
* Diverse experience utilizing tools in N-tier and Microservices architecture applications using Spring Boot, Spring Cloud config, Netflix OSS components, Pivotal Cloud Foundry, AWS, Rabbit MQ, Kafka, Zookeeper, Cassandra, My SQL, Restful Web Services.
* Experience in unit testing using Karma, Jasmine, Junit and integration testing using Selenium, Continuum, Hudson, Jenkins and Apache Camel.
* Strong Knowledge in scripting technologies like Python, Shell, Groovy on Grails and Perl.
* Worked on creating Docker images, Containers, push/pull and on integration with Spring Boot.
* Proficient in developing UML/Vision diagrams using tools like Enterprise Architect, Visio and Rational Rose.
* Experience in working with Relational databases like SQL Server 2000, MySQL, Oracle DB 10g/ 11g, IBM DB2 and Non-Relational Databases like MongoDB, Cassandra.
* Expertise with tools like SQL Workbench, SQL Developer and TOAD tool for accessing the Database server
* Good Working knowledge of ANT, MAVEN, Gradle.
* Experience in Planning, designing and sent Amazon Web Services (AWS) for a substantial number of uses using the Amazon cloud arrangement.
* Experience in Amazon Web Services like EC2, S3 basin, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic Search, Virtual Private Cloud (VPC) through AWS Console and API Integration.
* Used maven for building projects, Jenkins for continuous integration, Pivotal Cloud Foundry (PCF) for cloud computing, Service registry for PCF is based on Eureka, Splunk for log processing
* Designed and implemented interface elements using Google Web Toolkit GWT.
* Extensive experience in testing on multiple operating systems including Unix, Linux and Windows.
* Experience in configuring and deploying the applications on Tomcat, Glassfish, WebSphere, WebLogic, JBoss.
* Expertise in using configuration management tool like SVN and GIT for version controlling.
* Well experienced in using JUnit, Log 4J, SOAP UI and POSTMAN for testing framework.
* Expertise on Selenium Data Driven framework and integrating it with Maven [Build Management Tool], TestNG [Unit Testing tool] and Jenkins [Continuous Integration Tool].

**TECHNICAL EXPERTISE:**

|  |  |
| --- | --- |
| **Java/J2EE Technologies** | **Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking** |
| **Programming Languages** | **Java, C++, C, SQL, PL/SQL, Python, Scala** |
| **Application/Web Servers:** | **Oracle/BEA WebLogic 12x/11x, IBM WebSphere 9.x/8.x, JBoss, Tomcat 9.x/8.x/7.x, Jerkins, Bug tracking, Cucumber** |
| **Frameworks** | **Spring 4.x, Hibernate 5.x/4.x, JSF 2.x, Angular Ionic, Struts, MVC, Swing, Play** |
| **IDEs** | **Eclipse, IntelliJ, IBM RAD, STS** |
| **Web technologies** | **JSP, JavaScript, jQuery, Java mail, AJAX, XML, XSLT, HTML, DHTML, CSS, Bootstrap, Angular JS, Ext JS, Backbone JS, Node JS, JSON, SwaggerUI** |
| **Web Services** | **JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, UDDI, REST** |
| **Middleware** | **ESB, JMS, Camel, MQ Series** |
| **Big-Data Technologies** | **Hadoop, Spark, Apache Cassandra, Kafka, HBase, Hive, Zookeeper, Flume, Couchbase, MongoDB** |
| **XML Tools** | **JAXB, Apache Axis, AltovaXMLSpy** |
| **Methodologies** | **Agile, Scrum, RUP, TDD, OOAD, SDLC Waterfall model** |
| **Modeling Tools** | **UML, Rational Rose, Microsoft Visio** |
| **Testing technologies/tools** | **JUnit, JMeter, HtmlUnit, Mockito** |
| **Database Servers** | **Oracle, DB2, SQL Server, MySQL and NoSQL, PostgreSQL** |
| **Build Tools** | **ANT, Maven, Hudson** |
| **Platforms** | **Windows, UNIX, Linux** |

**PROFESSIONAL EXPERIENCE:**

**Client: Sabre Airline Solutions, Southlake, TX May 2018 – Present**

**Role: Sr. Full Stack Developer**

**Description**:Sabre Airline Solutions is the number one provider of Software as a Service (SaaS) solutions to the aviation industry. We give airlines the freedom to better market their airline, sell their products, serve their customers and efficiently operate the way they want. Over 380 aviation companies around the world rely on us for leading service-enabled solutions from advanced commercial planning, business intelligence, ecommerce, merchandising and reservations to inventory, departure control and enterprise operations. Sabre Airline Solutions enjoys the largest airline community, with leading edge engagement with our clients every day 24x7 with a follow-the-sun support strategy.

**Responsibilities:**

* Developed applications using Java7 and Java 8 (lambdas, streams, multi-threading, executor service framework).
* Heavily used Spring Inheritance, Auto-wiring, Core Container, Security, AOP, ORM modules as part of migration from EJB to spring, Spring Quartz for scheduling tasks to generate reports and emails to clients.
* Developed applications using Apigee Edge Micro gateway plugins.
* Used Micro services architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Used Apache Camel with URIs to work directly with any kind of Transport or messaging model such as HTTP, ActiveMQ, RabbitMQ and JMS.
* Used SOAP UI, Postman, Newman, Rest Client, Spring Mock MVC, Spring 4Junit for testing the web services.
* Developed POC on scalable queuing system using Amazon SQS Play Framework and Akka actor models.
* Implemented REST based web services using JAX-RS annotations, consumed services from angular JS modules.
* Developed Protractor test classes for end to end testing in Front end.
* Experience in Building Web Service Contracts in SOA Service Manager, Orchestration, performance tuning.
* Implemented Spring Circuit breaker pattern, integrated Hystrix dashboard to monitor Spring micro services.
* Written Storm topology to accept events from Kafka Cluster (using ZooKeeper) producer emit into Mongo DB.
* Used Magento Connector – Connecting to Magento API with java using SOAP.
* Used PL/SQL stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Heavily used joins stored procedures, views, Unions in Oracle data base to fetch the data.
* Extensively worked on Hibernate Cache, Query, Criteria and Transactions in secondary project.
* Reverse-engineered using Hibernate for RAD by Hibernate Query Language (HQL) dynamic searches with spring.
* Created the Docker containers and Docker consoles for managing the application life cycle.
* Worked with the Node package manager (NPM) along with Karma, Jasmine, Grunt and Bower for test and build.
* Hands on experience with MongoDB Installation, Configuring, Monitoring and Designing Shared Environment.
* Worked on Camel-based integration middle-ware solution for provisioning services by design and implementation of business logic and data processing routes using Apache Camel.
* Used Morphia (ODM) with MongoDB and performed aggregation operations and the map-reduce function,
* Used Maven as build and dependency management tool for creating EAR, WAR and JAR file to be deployed in application servers and integrated with SVN, Jenkins, and Jenkins Jobs.
* Used CI/CD tool Jenkins to deploy this application to from GitLab to AWS EC2 Docker containers.
* Built Lambda functions to save data snapshots using REST API into AWS S3 buckets using Node JS, Express JS.
* Optimizing of existing algorithms in Hadoop using Spark Context, Spark-SQL, Data Frames and RDD's using Scala.
* Used GIT as version management, JIRA for defect management system. Performed unit testing using JUnit.

**Environment: Web Services, Spring 4.x, Hibernate 4.x, PostgreSQL, HTML5, JSP, Akka, Play,** **JavaScript**, **JQuery, AJAX, Node JS, APIGEE, GWT,** **CSS3, Angular JS, Angular 2, SOAP UI, XML, WSDL, Java1.8, J2EE, Scala, MongoDB, Kafka, Agile Methodology, JIRA processes,** **GIT,** **Design Patterns,** **Apache Camel, PL/SQL, Junit, WebSphere MQ, Maven, IntelliJ IDE, CentOS, CVS, DB2 and Oracle 11g.**

**Client: Premier Healthcare, Charlotte, NC Jan 2017 – Apr 2018**

**Role: Sr. Full Stack Developer**

**Description**: This position will design, code, repair, enhance, integrate, upgrade and administer application software, and middleware. Work is performed within enterprise guidelines and standards regarding the development life cycle, version control, source code control, testing, code verification, continuous integration, continuous deployment, automation, compliance policies and team collaboration.

**Responsibilities:**

* Developed custom Angular directives, components, services, templates and integrated with Spring forms.
* Implemented UI components using Angular 4.0 dependency Injection, Models, data binding and controllers.
* Used Spring Boot Actuator to externalize application's configuration properties for different environments.
* Developed microservices with Spring Eureka to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced using Ribbon and exposed through one API gateway.
* Secured the REST API’s by implementing OAuth2 token-based authorization scheme using Spring security.
* Create and configured the continuous delivery pipelines for deploying microservices and lambda functions using CI/CD Jenkins server.
* Developed data transformer for converting legacy data from Source tables to Avro format and fed into Kafka using Camel to process the file for multiple routes to different host locations.
* Used Apache Kafka for reliable and asynchronous exchange of information between business applications.
* Worked on Swagger API and auto-generated documentation for all REST calls.
* Extensively used Hibernate 4.2 concepts such as inheritance, lazy loading, dirty checking and transactions.
* Used Hibernate, object/relational-mapping (ORM) technique for mapping data from MVC model to MySQL Relational data model with an SQL-based schema.
* Implemented service methods and SQL queries, PL/SQL to interact with the Oracle Database.
* Wrote controllers with Groovy to connect front-end interfaces with java services and used to achieve functionality with reduced code length.
* Converted a monolithic app to microservices architecture using Spring Boot using 12 factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Worked on REST APIs, and Elastic Search to efficiently handle and searching JSON data.
* Used GIT for version control, experience with GIT-Bash and GIT-Hub.
* Worked with NoSQL MongoDB to store, retrieve, and update and manage all the details for Ethernet provisioning and customer order tracking.
* Worked on creation of MongoDB databases, collections and deploying JavaScript's using mongo shell.
* Deployed Spring Boot based microservices Docker container using AWS EC2 container services and AWS admin console.
* Worked on spinning up AWS EC2 instances, Creating IAM Users and Roles, Creating Auto Scaling groups, Load balancers and monitoring through Cloud Watch for the applications, S3 buckets, VPC etc.
* Developed Unit test cases using JUnit, Mockito and Easy mock.

**Environment: HTML 5, CSS 3, Bootstrap, Python, Angular 4.0, Node JS JavaScript, Ajax, Maven, Spring 4.x, Hibernate 4.x, Docker, PCF, REST, AWS, WebLogic Server, Groovy, Apache Camel, Swagger API, Kafka, Kubernetes, Jenkins, GIT, Junit, Mockito, Oracle, MongoDB, Agile Scrum.**

**Client: UPS, Alpharetta, GA Dec 2015 - Dec 2016**

**Role: Java/J2EE Full Stack Developer**

**Description:** UPS is a global leader in logistics, offering a broad range of solutions, facilitating international trade, and deploying advanced technology to more efficiently manage the world of business. Rooted in the innovative use of technology, UPS's unmatched global network enables the broadest and most reliable solutions in the industry.

**Responsibilities:**

* Developed the applications using Java, J2EE, Struts, JDBC.
* Involved in preparing the High Level and Detail level design of the system using J2EE.
* Created struts form beans, action classes, JSPs following Struts framework standards.
* Implemented the database connectivity using JDBC with Oracle 9i database as backend.
* Used display tag libraries for decoration and used display table for reports and grid designs.
* Designed and developed file upload and file download features using jdbc with Oracle Blob.
* Worked on core java, using file operations to read system file (downloads) and to present on JSP.
* Involved in the development of underwriting process, which involves communications without side systems using IBM MQ and JMS.
* Improved the reconciliation flow for all modes of payment in the user buy path and optimized using Kafka in the data pipeline achieving increased payment success rates by 5%
* Worked on analyzing Hadoop cluster using different big data analytic tools including Kafka, Pig, Hive and Map Reduce.
* Used Apache Camel with URIs to work directly with any kind of Transport or messaging model such as HTTP, ActiveMQ, RabbitMQ and JMS.
* Used PL/SQL stored procedures for applications that needed to execute as part of scheduling mechanisms.
* Worked on JS Validations.
* Designed and developed Application based on Struts Framework using MVC design pattern.
* Developed SOAP based XML web services.
* Used SAX XML API to parse the XML and populate the values for a bean.
* Created XML document using STAX XML API to pass the XML structure to Web Services.
* Used Rational Clear Case for version control and JUnit for unit testing.
* Configured WebSphere Application server and deployed the web components.
* Provided troubleshooting and error handling support in multiple projects.

**Environment: Flex, EJB, Struts, spring, JSP1.2, Servlets2.1, Jasper reports, JMS, IBM MQ, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, Angular JS, XSLT, XML, UML, TIBCO, HTML, JNDI, Kafka, Rational Rose 98, Oracle 9i, IBM Websphere 6.0, Clear Case, Log4J, ANT, JUnit, IBM RAD, and Apache Tomcat.**

**Client: Bank of America, Dallas, Texas Feb 2014 - Nov 2015**

**Role: Java Developer**

**Description:** Worked on a multi-phase data constitution project whose objective was to create and maintain a single client repository for Bank of America and Merrill Lynch clients. In the phase one, we designed the target database and developed ETL processes to populate the target database. In the phase two, we developed webservices around the data we populate in phase one. Finally, in the phase three, we designed and developed SOA-Portal based front-end to call webservices and display data to users.

**Responsibilities:**

* Involved in the design and development phases of Agile Software Development.
* Developed web GUI involving HTML, React JS, Java Script under MVC architecture.
* Develop various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager) and Redux library.
* Implemented UI components using Angular 2.0 dependency Injection, Models, data binding and controllers.
* Created Managed Beans for handling JSF pages and logic for processing of the data on the page.
* Used Object/Relational mapping tool Hibernate to achieve object to database table persistency.
* Created simple user interface for application's configuration system using MVC design patterns
* Created customized AMIs based on already existing AWS EC2 instances by using create image functionality, hence using this snapshot for disaster recovery.
* Involved in the configuration of Spring Framework and Hibernate mapping tool.
* Monitoring WebLogic/JBoss Server health.
* Written Web Services (JAX-WS) for external system via SOAP/HTTP call.
* Did load testing of SOAP Web Services using SOAP UI and Apache JMeter tools. Used Log4j framework to log/track application.
* Involved in developing SQL queries, stored procedures, and functions in MYSQL database.

**Environment: FileNet, Scala, Java 1.5, JSP, Servlets, Core Java, Spring, Swing, Hibernate, JSF, SOAP/HTTP, HTML, CSS, JavaScript, ReactJS, JAX-WS, Web Services- SOAP, AWS, SOAP UI, XML, IBM WebSphere 6.1, JMeter, Rational Clear Case, Log 4j, IBM DB2.**

**Client: Info Vision Tech, Hyderabad, India Aug 2011 - Dec 2013**

**Role: Java Developer**

**Description:** Worked on Passkey a web application, which manages corporate shipping accounts that allows business customers to register their company for back-office shipments. Application can have an administrator type of user who can create sub users and manage their shipping categories like international, domestic, and various other types of shipments by controlling their permissions.

**Responsibilities:**

* Implemented the MVC architecture using Apache Struts Framework.
* Implemented views using Struts tags, JSTL and Expression Language.
* Implemented Tiles Framework for the views layout.
* Worked on JAVA Collections API for handling the data objects between the business layers and front end.
* Worked with SAXP and XML Schema for exporting data into XML format and importing data from XML format to database.
* Implemented the web services client to consume the third-party service API for validating credit cards.
* Used XML Web Services using SOAP to transfer the amount to transfer application that is remote and global to different financial institutions.
* Developed Unit test cases using JUnit.
* Developed Ant scripts and developed builds using Apache ANT.
* Used Log4J to capture the log that includes runtime exceptions.

**Environment: J2EE, Java, Struts, Tiles, JSP, JNDI, Clear Case, SOAP, WSDL, UDDI, JAXB, JAXP, Schema (XST), EJB 2.0, ANT, JavaScript, JMS, Rational Rose, WSAD, Apache Tomcat, MySQL.**