**Sai M**

**JBPM Developer**

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**PROFESSIONAL SUMMARY:**

• 3+ years of experience in Design and Development of Distributed and Client-Server apps.  
• Experience in working with various MVC architecture development such as Spring MVC and Spring Boot.  
• Expertise in development of various interfaces, Translations, rule engines (Drools) and batch processes.  
• Experience in Web Services Technologies like RESTful with Jersey.  
• Good experience in Query optimization and writing SQL Queries, PL/SQL Procedures, Functions, Triggers and Cursors.  
• Experience in developing User Interface Applications using HTML, CSS, Java Script, Angular JS, JSP.  
• Worked on UNIX Shell Scripting while performing server operations during Replicate/Refresh automation.  
• Expertise in developing application using Spring Framework that uses features of IOC, Spring MVC, Spring JDBC, Spring Batch, Spring Security and AOP features.  
• Experienced in Software Development Processes like SCRUM, Waterfall, Iterative and Agile Methodologies.  
• Built a RESTful API to save and retrieve agent information in Java using Spring MVC and JAX-RS.  
• Experience in developing Micro Service based RESTful API utilizing Spring Boot with Spring MVC.  
• Experienced working with applying necessary patches to the middleware (Oracle WebLogic, JBOSS and Apache Tomcat Web Server) products.  
• Experience in developing micro services using Spring Boot frame work.  
• Extensive experience in using IDE like Eclipse, Spring tool suite, Pycharm.  
• Extensive experience in creating and maintaining tables, views, indexes, triggers and developing complex stored procedures in Oracle data base.  
• Worked on drools with rich experience in complex rule development on Jboss BRMS.  
• Experience in Branching, Merging, Tagging and maintaining the version across the environments using Software Configuration Management (SCM) tools like Subversion (SVN), GIT (GitHub, GitLab).  
• Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with Shell scripts to automate routine jobs, SonarQube, Nexus, Confluence.  
• Expertise in DB Design, DB normalization and writing SQL Queries and PL/SQL- Stored Procedures, Functions, Triggers, Sequences, Indexes, Cursors and Views etc.  
• Developed Message Driven Bean to process the asynchronous message processing from The MQ Series Que.  
• Experience in Jenkins integration service for software development.  
• Proficient in RDBMS concepts and worked with MYSQL Sybase, Oracle 11g and DB2.  
• Highly motivated and a self-starter with effective communication and organizational skills, combined with attention to detail and business process improvements.

**Work Experience**

JBPM Developer

Freedom Mortgage – NJ **(Oct’ 17 – Feb’ 19)**

**Responsibilities:**  
• Analyzing the business requirements at the meeting with business analyst and team to discuss the scope of development;  
• Communicating with Application architects regarding non-functional requirements and business owners regarding functional behavior and expectations of the application;  
• Analyzing the current behavior of the application and determining the impact of new requirements on existing implementation;  
• Analyzing the process diagram and workflow rules of the product;  
• Designing business process work flows using RED HAT JBPM Process Designer, Model, Execution, Monitoring, and Optimization methodologies.  
• Design business process for more than 50+ work flows using JBPM (Java Business process Model) Suite 6.4.  
• Improving efficiency of Business processes using BRMS (Business rule management System) Rules.  
• Designing 20+ decision tables for Complex business rules using BRMS.  
• Designing human tasks and Signal event handler in the.  
• Designing UML Diagrams (Use case diagrams, Class diagrams, sequence diagrams) using Microsoft Visio.  
• Developing business processes in business central suite and exposing the BPM process to REST Service calls.  
• Developing Business Rule Management System (BRMS) Rules in Business Central for creation and maintenance of business rules and rule artifacts.  
• Creating Rule attributes Meta data, conditions and actions in the Decision tables.  
• Implementing Signal events in business processes to handle diversions and activate the workflow by passing resuming signal events.  
• Using Rabbit Mq as message broker for processing communication between two processes, applications and Servers.  
• Developing Event Listeners to trigger process-related events like start or completing a process.  
• Developing client application (producers) to create and deliver message to other applications (consumers).  
• Developing script task inside the business process to manipulate variables and to implement business logic.  
• Implementing multi-instance subprocess to execute the contained process segment multiple times.  
• Creating human task on business processes where human interaction is needed.  
• User access management -setup groups and users profiles and roles to users within in the human task.  
• Creating business process with different strategies like singleton, per request, per process.  
• Implementing exception handling in work flows by using Catching intermediate event properties and throwing intermediate properties.  
• Developing process instance migration service framework to move process instance from old containers to new containers.  
• Implementing asynchronous service handlers inside the business process.\

• Implementing object-oriented programming concepts inside the service task to interact with the legacy systems.  
• Building application as dynamic in nature by developing JBPM service with spring,  
• Developing work item handlers using resteasy client to interact between business process and micro services.  
• Participate in daily meetings to analyze the requirements with business team and share the feedback and best practices.  
• Monitoring JBPM work flow and application, database performance in UAT region.  
• Working on enhancements to application that comes as new requirement and fixing defects that were identified in QA and UAT environments.  
Environment: Java, Spring, Hibernate, Oracle, Web Service, Maven, Drools, JBPM 6.4 Business suite. Jboss EAP 7.0, Maria database, Jboss Studio, Kibana, HP ALM, Jenkins, GIT Lab.

**JBPM Developer**

Century Link - Charlotte, NC **(Feb’17 - Sep’17)**

**Responsibilities:**  
• Involved in various phases of SDLC (Software Development Life Cycle) such as requirements gathering, data modeling, analysis, design, development, testing.  
• Involved in creating FSD (Functional System Design) documentation for entire application using Enterprise Architect.  
• Implemented various Design patterns like Singleton, Service Locator, and prototype.  
• Analyse and resolve conflicts related to merging of source code for GIT.  
• Developed high level Non-Functional specifications for application.  
• Involved in writing SQL queries using Microsoft SQL Developer.  
• Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI's. Imported and managed multiple corporate applications into GitHub code management repo.  
• Experienced in writing Maven and ANT scripts to perform continuous build and integration of Java applications using Jenkins and deploy using uDeploy.  
• Automated the build and deployment of middleware applications using uDeploy.  
• Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and automated the whole process.  
• Installed, configured and maintained web servers like HTTP Web Server, Apache Web Server, WebSphere Application Server on Red Hat Linux.  
• Integrate the BPM process with UI layer at process level and task level.  
• Developing Business Rule Management System (BRMS) Rules in Business Central for creation and maintenance of business rules and rule artifacts.  
• Implementing Signal events in business processes to handle diversions and activate the workflow by passing resuming signal events.  
• Experience in designing and implementing continuous integration system using Jenkins by creating Python and Perl scripts.  
• Create test plan, perform unit testing and involved in end to end testing.  
• Used Log4j to log the user-friendly log messages to the log files.  
• Involved in writing SQL queries and active triggers, stored procedures in SQL Server database.

• Implemented Multithreading for improving performance of the batch processes.  
• Used Spring Batch as design frame work to read data from data base by using item reader and process the data according to business rules using item processor and finally write the data to data file using item writer.  
• Creating human task on business processes where human interaction is needed.  
• Creating containers, deploying work flows on KIE server and configure scanner to pick the latest artifacts from the KIE Server.  
• Automate the Batch Job using Autosys.  
• Using Core Java, improved exception handling and improved the application performance by parallel execution of the jobs and create Util classes for reuse of resource.  
• Involved in application performance improvement.  
• Build PL/SQL packages to populate the extract tables.  
• Integrated GIT into Jenkins to automate the code check-out process  
• Using Jenkins for Automate build and Automate Deployments.

**Java Developer**  
Under Armor  **(Aug’16 - Jan’17)**

**Responsibilities:**  
• Created Use cases, Class Diagrams, Sequence Diagrams using Rational Rose.  
• Involved in the development of the application based on Spring framework using MVC architecture.  
• Designed the web pages with JSP and HTML elements based on the page specification document.  
• JDBC concept was used for database transaction management using create statements, prepared statements and callable statements.  
• Created our own class for handling exceptions for reusability within the project instead of throwing generic exceptions.  
• Worked with USER INTERFACE Development using HTML, JavaScript, CSS, JSP, AngularJS.  
• Involved in writing client side and server-side scripting by using java script, Jquery and AngularJS.  
• Developed Action Controllers and Servlets in MVC architecture environment, Worked in all development phases.  
• Developed pages using JSF features like converters, Validators, action Listeners, custom components, etc. and created conditional logics in pages using JSF tags and JSTL.  
• Implemented J2EE design patterns such as Session Facade, Factory, DAO, Singleton, Prototype.  
• Implemented various J2EE Design patterns like Singleton, Service Locator, Business Delegate and Transfer Object.  
• Developed Messaging frame work for Asynchronous service using JMS.  
• Responsible for coding Oracle SQL Statements, Stored procedures, functions and triggers for back end communication using JDBC.  
• Used log4j for tracking errors and debugging the code.  
• Developed Restful based web services using JAX-RS.  
• Used JUnit for unit testing and repeatable tests for the application and wrote JUnit test classes for the services and prepared documentation.  
Environment: Java, JSF, Hsibernate, JDBC, JSP, XML, MVC, POJO, log4j, Restful, Eclipse, JIRA, JMS, Oracle SQL.

**TECHNICAL SKILLS:**  
Operating Systems Windows, Ubuntu.  
Build/Automation Tool Jenkins, Maven, Ant,Gradle.  
Programming Java, J2EE, JSP, Servlets, Spring 3.2/4.0, JDBC 2.0/3.0, JMS, Transaction API, multithreading and Standard Design Patterns.  
Web Services RESTful, SOAP, WSDL, JSON, JAXB, XML JAX-RS JERSY.  
Frameworks Spring IOC, Spring Batch, Spring MVC, Spring AOP, Spring Security, Spring Transaction management, Hibernate 3.0, JPA.  
IDE'S Eclipse, Spring Tool Suite, Jboss Studio.  
Database MySQL, Oracle, SQL Developer, Maria database.  
Web/App Server Apache Tomcat, WebSphere Application Server, JBoss  
Bug Tracking Tools JIRA, HP ALM  
Scripting JavaScript, JSP, Python, Shell  
Business Process Tools JBPM,JEAP.  
Version Control Tools GIT, Subversion, CVS, GIT Lab.