Roshan P

Sr. Java Full Stack Developer @ Liberty Mutual Insurance,

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Summary

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| --- | --- |
| Previous | Full Stack Java Developer @ Pfizer |
| Preferred | Sr Java Full Stack Developer |
| Location | Boston, MA, US |
| Desired Work Settings | Remote or On-Site or Hybrid |
| Willing to Relocate | Yes |
| Work Authorization(s): | Authorized to work in the United States on a full-time basis. |
| Employment Type | Contract - Corp-to-Corp Contract to Hire - Corp-to-Corp |
| Total Experience | 10 years |
| Education | Unspecified |
| Profile Source | Dice |
| Profile Downloaded | Monday, December 9, 2024 |

**Roshan**

**Sr. Java Full Stack Developer**

**Professional Summary:**

* 10 years of experience in designing, developing, and testing of distributed applications, internet/intranet base database, J2EE and SOA compliant applications.
* Experienced in Java Backend Web - based, Desktop Based Development with Concepts of, Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Programming (OOP) and its implementation.
* Experienced in implementing client-server business applications using MVC, SOA architecture and Microservices.
* Experience in Agile/Scrum, Pair Programming, Test Driven Development (TDD) and Waterfall model.
* Experience in Golang. Excellent coding and problem - solving skills with ability to work as Developer.
* Strong working knowledge in developing Restful Web services and Microservices using Golang.
* Developed responsive web product features using ReactJS, SASS, on Golang with REST.
* Proficient in using Java7, Java8 features such as Lambda Expressions, Streams, Functional Interfaces, Stream API,and knowledge on Java 9 features like modules, JShell.
* As a Java Full stack SME has expertise in developing Enterprise Applications using technologies Such as Java, PHP, JSP, Servlets, Enterprise Java Beans, Restful Web Services, SOAP Web Services, JDBC, JMS, JAXB, SOA.
* Experienced in Middleware persistence framework like Hibernate/JPA, JDBC, iBATIS for mapping Java POJO classes/Objects with database and using Hibernate Query Language (HQL).
* Experienced in creating dashboards, reports using Backbone JS.
* Experience with container orchestration tools Docker and Kubernetes.
* Expertise in XML technologies such as DTD/Schemas, DOM, SAX, and XSLT.
* Good knowledge on Bitbucket repository and GitHub repository.
* Extensively used different Tag Libraries like JSF Tags, Struts Tags, JSTL, Spring Tags, Display Tag, and XML/XSD.
* Extensive Experience with various databases such as SQL Server, MYSQL, PL/SQL, PostgreSQL, Oracle DB, DB2, NoSQL, Microsoft SQL Server and Neo4j, MongoDB, DynamoDB.
* Built enterprise-wide DNS historical data trending analysis tools in Go (Golang)
* Experienced in frameworks Spring MVC, Spring JMS, Spring Suite, Spring Batch, Spring Integration, Jakarta struts framework, JSF, spring and hibernate.
* Got experience in working on Apache Spark for implementing advanced procedures like text analytics and processing using the in-memory computing capabilities written in Scala.
* Good knowledge in Network and transfer protocols like UDP, TCP, SMTP and DNS.
* Experienced in Distributed Transaction Management system with Spring JTA Based on Atomikos.
* Experienced in Working with Spring JDBC Template, JMS Template, EMS, and JavaBeans.
* Proficient in Java/J2EE Design patterns including Singleton, Summon, Protest Pool, Session Exterior, MVC, DAO, DTO, and Business Delegate in the improvement of Multi-Tier Circulated Applications.
* Good Knowledge in creating event processing data pipelines using Kafka and Spark Streaming.
* Experienced on ELK Stack (Elastic Search, Log stash and Kibana).
* Experienced in performing unit testing using JUnit framework with Mockito and Easy mock, integration and deployment of applications using tools such as ANT and Maven& debugging through log4j.
* Experience in creating test suites using Jasmine, Karma and worked on tools NPM, Bower, Grunt and Teste.
* Experience with Test Automation tools such as Cypress, Mockito, Karate, Cucumber, Selenium, Jenkins, TestNG, JMeter, Junit
* Involved in BPM (business process management) tools like JBPM and Adobe Live Cycle.
* Experience in using various AWS components like EC2 for virtual servers, S3 and Glacier for storing objects, EBS, Cloud Front, Elastic cache, IAM, Cloud Watch, Cloud Formation and Dynamo DB.
* Good experience in using Amazon Web Services (AWS) and AWS SNS/SQS for delivering messages.
* Strong Knowledge in scripting technologies like Python, Scala, Shell, Groovy on Grails, and Perl.
* Experienced in Development, testing and deployment of enterprise applications on Windows & UNIX platforms using IDEs such as Eclipse, Rational Application Developer, Net Beans, Spring Tool Suite (STS), IntelliJ 14.x/15. x.

**TECHNICAL SKILLS:**

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| --- | --- |
| Programming Languages | C, C++, HTML, CSS5, Java 8/9/10/11, SQL, Python, Golang |
| Java EE Technologies | JSP, Servlets, EJB, JDBC, RMI, JNDI, JDBC, JMS, JSTL, MVC, Struts |
| Messaging Servers& Middleware | ActiveMQ, RabbitMQ, Kafka, JMS, AMQP, MSMQ |
| Cloud Technologies | Confidential Web Services (AWS), GCP, Cloud Foundry, Cloud Native, OpenStack, Microsoft Azure, Rackspace, SaaS, IaaS, PaaS |
| Web Technologies | JavaScript (ES5/ES6), Backbone JS, XML, HTML5, CSS3, XHTML, XML Schema, DHTML, JSON RPC, AJAX, jQuery, Web Socket, Express JS, NodeJS, Vue.JS, Angular JS,Angular 4/8/9,ReactJS,RESTful, Docker, Kubernetes, XSL, XSLT, SED, DTD. |
| API | DOM (Data Object Model), JTA (Java Transaction API), Kotlin, Java Persistence API (JPA), Java Message Service. |
| Frameworks | Struts, Hibernate, JSF, Spring Dependency Injection, Spring MVC, Spring Security, Spring Core, Spring Context, spring AOP, Spring DAO, Spring IOC, Spring JDBC,Spring Cloud |
| Web/Application Servers | Oracle WebLogic Application Server, IBM WebSphere Application Server, Apache Tomcat Webserver, NodeJS, JBoss Application Server |
| Design Patterns | MVC, Front Controller, Session Façade, Singleton, Business Delegate and DAO patterns |
| Databases | MySQL, Oracle, MS SQL Server, DB2, PL/SQL, Neo4J, MongoDB, DynamoDB, Cassandra, Couch base. |
| IDE Tools | Eclipse, My Eclipse, RAD, NetBeans, IntelliJ, MS Visual Studio, Web Storm, Brackets, TFS. |
| Web Services | SOAP, Restful, JAX-B, JAX-RS, WSDL, AWS, Apache Axis, XML, XHTML, XSLT and JAX-WS |
| Operating Services | Windows 7/8/10, Linux, RedHat, Solaris 11, AIX (UNIX) 7.1, Marcos. |
| Source Control Tools | CVS, SVN, VSS, Rational Clear Case, Source Tree, Stash-GIT, CICD |
| Testing | Junit, TestNG, Jasmine, Selenium, Mockito, Power Mockito, Cucumber, Cypress, Karate |
| Build and Performance Managing Tools | Ant, Maven, Gradle, Jenkins, JIRA, BART |

**PROFESSIONAL EXPERIENCE:**

**Client: Liberty Mutual Insurance, Boston, MA Sep 2021- Till Date**

**Role: Sr. Java Full Stack Developer**

**Project description:** A project at Liberty Mutual Insurance focuses on enhancing customer experiences and digital transformation. It includes the development of user-friendly insurance platforms and AI-driven claims processing. The goal is to simplify insurance processes, provide personalized coverage options, and improve customer satisfaction. Ultimately, the project aims to position Liberty Mutual as a leader in the insurance industry through technological innovation and customer-centric solutions.

**Responsibilities:**

* Coordinated and attended user meetings to understand and capture requirements.
* Participated in Requirements Analysis, Design and Development phases of the project and worked in Scrum Methodology.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java 8, PHP, Node.js, Python on familiar servers such as Apache camel.
* Backend proficiency using Node, Express, Google Go (Golang), Mongo DB including 3rd¬party services Firebase, Kinley, and Parse.
* Used Go Programming Language (Golang) and Scala in the development of the application.
* Implemented java Spring boot microservices to process the messages into the Kafka cluster setup.
* Used Docker, spring Boot, JBOSS, Azure, Cassandra.
* Developed the application using Core Java, Multi-Threading, Collections, Spring Boot, JDBC transaction and Batch.
* As a developer, created a script to validate the efficiency and fall back of new Cloud database using Jenkins tools.
* Extensively used Spring Framework modules like MVC, DI (IOC), Auto Wiring, Spring Boot and AOP.
* Worked on Jenkins pipelines that consist of resources and tasks to create Docker image and deploy the image in AWS.
* Used spring's test framework to create integration tests for various spring boot and spring batchapplications.
* Implemented MicroServices architecture using java Spring Boot for making application smaller and independent.
* Involved in writing the microservices in Spring Boot application with Spring annotations.
* Implementing the routing technique in Golang using Gorilla mux as request router and dispatcher for matching incoming requests to their respective handler
* 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.
* Importing the data into Spark from Kafka Consumer group using Spark Streaming APIs.
* Worked under new technologies introduced in java8 like Functional interfaces and Lambda Expressions.
* Extensively worked with spring frameworks and Hibernate. Written Spring beans Hibernate mapping files.
* Used JMS to exchange information over reliable channel in an asynchronous way by using ActiveMq as a message queue.
* Golang and Java were used as a backend REST service while AngularJS was used for the user interface.
* Azure Resource Manager (ARM) provides security, auditing, and tagging features to help you manage your resources after deployment.Used Azure Resource Manager (ARM) to deploy, update, or delete all the resources for your solution in a single, coordinated operation.Creating Json deployment templates for provisioning virtual networks, subnets, VM Scale Sets, Load balancers and NAT rules. Define set of resources and specifying deployment parameters to Azure Resource Manager (ARM) templates to creating resource group of virtual machinesUsing Azure Functions to integrate applications and run backend processes according to schedules without
* Implemented ingestion services to connect to RDBMS using Kafka producer API's / Kafka Connect. Experience writing Kafka Stream applications using Kafka APIs and Kafka Streams API Implemented ingestion services to connect to RDBMS using Kafka producer API's / Kafka Connect. Experience writing Kafka
* Involved in converting Hive/SQL queries into Spark transformations using Spark RDDs and Scala.
* Configuring, setting up of Tomcat, Apache, Apache Kafka, Apache Cassandra, HA proxy, Redis, MemcacheD, etc.
* Involved in Business Process and Decision Management Design using JBoss Drools Rules Engine.
* Experience working in and building Continuous Integration (CI) and Continues Deployment (CD) by building custom build and deployments jobs in Jenkins.
* Performed advanced procedures like text analytics and processing, using the in-memory computing capabilities of Spark using Scala.
* Worked with the development team, involved in creating MVW (Web API) to implement AngularJS framework for client-side rendering to optimize the front-end.
* Performed minor changes in micro services in Spring Boot to support changes in Angular.
* Used HQL (Hibernate Query Language) to write static and complex queries while communicating with Oracle database.
* Designed, built, and deployed application using the AWS stack (Including EC2, Mongo DB, Docker,
* Involved in implementation of RESTFUL web service APIs using Node.js.
* Used React JS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Developed user interface by using the React JS, Flux for SPA development.
* Developed REST API's using Spring MVC and Spring boot, hosted all micro services on PCF.
* Good knowledge in creating and maintaining various DevOps related tools for the team such as provisioning scripts, deployment tools and staged virtual environments using Docker.
* Build server deployment on Cloud (EC2) servers with help of DeVos tools like Puppet.
* Worked on creation of custom Docker container images, tagging, pushing images, integration of Spring boot.
* Created the Docker containers and Docker consoles for managing the application life cycle.
* Experience in **React.js** for creating interactive **UI's** using **One-way data flow, Virtual DOM, JSX, React Native**concepts.

**Environment:** Java 1.8, J2EE, XML, Core Java, AWS,Cassandra, Spark, Spring boot, TypeScript, GitHub, Hibernate, PL/SQL, JUnit, Maven, Oracle 11g,Eclipse, Spring 3.x/4.x, Angular 5.0, Node.js, Splunk, WebSphere Application Server, Web services, AWS, ReactJS,SOAP, WSDL,Linux,Apache Camel, PCF, Spring Core, Jenkins, Micro services, Spring IOC Container, PCF, Design Patterns, Sonar, SQL Joins, Servlets, JSON, Kafka, Docker, DeVos, RESTful Web services, Agile, HTML5, CSS3, AJAX, Maven.

**Client: Shipcom Wireless, India**  **May 2017 - Aug 2021**

**Role:Java Full StackDeveloper**

**Responsibilities:**

* Applied Spring Framework for transaction Management and Spring JDBC for building ORM and for AOP and Dependency Injection.
* Design and develop the application using MVC and Spring frame works including Spring Beans, Spring AOP and Spring Boot.
* Developed custom consumers and producers for Apache Kafka in Go (Golang) for cars monitoring system.
* Enhanced, fixed functional and performance related bugs in core product written in GO (Golang).
* Created various Spring boot and Spring batch applications to connect them to various databases and created queries to retrieve data and modify the tables for the databases.
* Migrating existing application into REST based Microservices to provide CRUD capabilities using Spring Boot.
* Used Spring Boot, which is radically faster in building cloud Micro services and develop Spring based application with very less configuration.
* Knowledge on handling Hive queries using Spark SQL that integrate Spark environment.
* Extensively made use ofJava8features like Predicates, Functional Interfaces and Lambda Expressions, Method References and Stream API.
* A custom string ID generator was implemented, allowing different prefixesfor entities that are configured in the development and production yaml property files.
* Used Agile practices and Test-Driven Development techniques to provide reliable working microservices early and often.
* Developed Golang software to handle concurrent data collection and processing with goroutines and channels for a Wi-Fi device.
* Used Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Used Cassandra Database.
* Used custom persistence mechanism to execute queries and JPA to create, retrieve, update and delete operations.
* Used JMS to exchange information over reliable channel in an asynchronous way by using ActiveMq as a message queue.
* Used Golang to create backend servers.
* Worked on Jenkins pipelines that consist of resources and tasks to create Docker image and deploy the image in AWS.
* Integrated the application with spring framework for implementing Dependency injection and provide abstraction between presentation layer and persistence layer.
* Used XML technologies like XPath, XSLT and JAXB for data exchange and presentation.
* Developed GUI using HTML3, CSS3, XHTML and JavaScript, Angular JS framework to simplify the complexities of the application.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Developed Rest Webservices using Spring MVC and migrated few services from servlets to SpringMVC.
* Implementation of AngularJS to build UI and its integration with Spring framework.
* Design, develop, test and maintain the application built on Spring, and Hibernate-JPA.
* Design and implement an application using Dispatcher Servlet, Dependency Injection, Spring Boot, Hibernate annotations, Spring AOP, Spring Security.
* Developed Database Access Objects (DAO) using the Spring Hibernate Support and using Hibernate Query Language (HQL).
* Performed configuration, deployment and support of cloud services including Amazon Web Services (AWS). Launch various AWS EC2 instance to deploy the application. Practical implementation of AWS S3, RDC.
* Wrote PL/SQL Stored Procedures, Functions, and Packages to meet the business requirements.
* Utilized prepared and callable statement parameterized queries to prevent SQL Injection.
* Used RESTful, WebServices for Data Exchange (send/receive appeal case information, filings, documents, etc.) with external agencies.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka.
* Experience with Continuous Integration/Continuous Deployment using Maven, Jenkins.
* Used Hibernate and Spring JDBC to connect to oracle database and retrieved data.
* Developed JSP's in conjunction with JavaScript and AJAX to make the HTML pages more user-friendly.
* Back End Programming: Primarily focused on database and maintenance. Wrote SQL scripts to create triggers and stored procedures.
* Trained staff on effective use of Jenkins, Docker, GitLab and Kubernetes.
* Designed and developed persistence layer build on ORM framework and developed it using Hibernate.
* Used JAX-RPC Web Services using JERSEYREST to process the application for the customer.
* Developed Web services for sending and getting data from different applications usingREST.
* Utilized JavaScript Escape before inserting untrusted data into JavaScript data values.
* Worked on Big Data Integration &Analytics based on Hadoop, SOLR, Spark, Kafka, Storm and web Methods.
* Implemented Business Logic using POJO's and used WebSphere to deploy the applications.
* Used Value Objects generated from tables to map to their corresponding classes (ORM).
* Experience in Java Authentication and Authorization using SpringSecurity.
* Involved in writing SQL queries using TOAD.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Wrote SQL/PLSQL queries for database models Extensive experience in Unit testing JUnit and Mockito Knowledge defect/ticket tracking tools like Clear quest and Jira.
* Involved in an Agile based approach with Scrum for UI Development.
* Used Mockito to test the mock objects and followed TestDrivenDevelopment (TDD)during the entire development.

**Environment:** Java, J2EE, WebSphere Application Server, Spark, Ant, Eclipse, EJB 3.0, XML, Spring 4.X, SpringBoot, JPA, Hibernate, HTML, JavaScript, JSP, JSTL, Java Script,AWS,String Buffer, String Builder, Sonar, SOAP, Splunk, RESTful, Web services, Spring boot, Kafka,Angular.js, Jenkins, Docker, Kubernetes,Microservices, JunitWeb Services, AJAX, Clear Case, Windows, Agile/Scrum and BDD/TDD, PLSQL, SQLserver.

**Pfizer Inc.NY,NY Nov 2014 - April 2017**

**JavaDeveloper**

**Responsibilities:**

* Agile development (2 weeks sprints), Test Driven Development (TDD), Junit, Mockito, Maven, JIRA issue navigator, Crucible code reviews is part of every day’s work.
* Used AngularJS on the front end to consume REST web services built using Apache CXP and Spring MVC. The data is on JSON format which seamlessly integrates with front end JS libraries/frameworks.
* Responsible for creation of design artifacts such as use cases and sequence diagrams.
* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Beans, Spring Security, Spring JDBC, Spring Web flow using Spring MVC.
* Used Docker, spring Boot, JBOSS, Azure, Cassandra Deployed applications on Azure by using AppDynamics.
* Worked on Spring Web Flow on Spring MVC to build an application from scratch using Spring XML configurations, annotations. Wrote controllers to handle incoming requests and send output to the UI.
* Used Spring Security framework to set up authentication and authorization for the application using firm wide single sign on.
* Created AWS EKS cluster and deployed the application in the cluster.
* Developed persistence layer integrating Hibernate with Spring ORM support, also used Spring JDBC for lightweight database operations.
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Experienced with Service Oriented Architecture (SOA), developing SOAP web services based on JAX-WS (Document Style) using HTTP Protocol on bottom-up style development for creating Endpoints.
* Developed User Interface using Google Web Toolkit (GWT) features like Data Binding, Activity classes, editing ui.xml to create UI components.
* Used Jasper Reports and iReport tool to create PDF version of recommended plans for document generation.
* Development of code using Drools decision table format and deployment with Drools Rule Engine.
* Wrote complex SQL queries, Stored procedures PL/SQL using SQL developer & TOAD, executed on Oracle Database.
* Used CI/CD tools Jenkins, Git/ GitLab’s and Docker registry for configuration and automation using Ansible.
* Used SVN as source control tool for branching, merging and maintain code versions in the repository.
* Developed, Tested and Deployed application in Apache Tomcat.
* Worked on Big Data Integration &Analytics based on Hadoop, SOLR, Spark, Kafka, Storm, and web Methods.
* Used Maven for building, deploying application, creating JPA based entity objects and compiling GWT application.
* Parsed those XML messages using JAXB and then store the data into Oracle Database using Spring JDBC.

**Environment:** J2EE, JDK 1.7, JSP, Spring MVC, Hibernate, Spring ORM, Eclipse, WebLogic, JavaScript, AngularJS, AJAX, jQuery, HTML, CSS3, XML, AWS, SVN, Maven, Docker, Oracle 11g, Hibernate, SOAP, REST, JDBC, UML, Toad, Log4j, Junit.