

**Rajesh Samishetty**

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**Current Location: Santa Clara, CA 95051**

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**Sr. Java Full Stack/J2EE Developer | NoSQL - MongoDB | Kafka | Cassandra**

**Ratings:**

- **Java/J2EE** – 8 years
- **Kafka** – 6 years of experience
- **NoSQL(MongoDB)** – 3 years of experience

**Professional Summary:**

- **8 years of experience in design, development and Agile methodologies like SCRUM, Test Driven Development(TDD), Incremental and Iteration methodology and Testing using Software Development Life Cycle.**
- **Strong programming skills in Java, C/C++, Python, Multi-Threaded applications, and J2EE technologies like JDBC, JSP, JMS, servlets.**
- Developed full-stack web applications which processed, analyzed, and rendered data visually.
- Liaised with back end developers, front end developers, quality assurance testers, and CTO as needed.
- Managed time-sensitive updates, including content changes and database upgrades.
- Planned, wrote, and debugged web applications and software with complete accuracy.
- Experienced in Development, Testing and Deployment of enterprise applications on Windows, Linux and UNIX platforms using IDE's such as Eclipse, NetBeans, IntelliJ14.x/15. x.
- **Experience with CICD-Ant, Maven, Gradle, Jenkins, Hudson, CVS, Git, GitHub, Nexus, Jenkins job creation.**
- Experience in developing java programs at the Application side. Developed Ruby/Python scripts to monitor health of **Mongo databases** and perform ad-hoc backups using **Mongo dump and Mongo restore**.
- Experience in handling, configuration and administration of databases like **MySQL and NoSQL** databases like **MongoDB and Cassandra**.
- **Experience in MongoDB** installation, patching, troubleshooting, performance, tracking/tuning, back - up and recovery in dynamic environments.
- Experience in managing life cycle of **MongoDB** including sizing, automation, monitoring and tuning.
- Experience with complex data environments.
- Experience on working with **MongoDB Ops Manager, Cloud Manager and Atlas Manager**
- Implemented **Spring boot microservices** to process the messages into the **Kafka cluster setup**.
- Implemented to reprocess the failure messages in **Kafka using offset id**.
- Implemented Kafka producer and consumer applications on **Kafka cluster setup with help of Zookeeper**.
- Used **Spring Kafka API calls** to process the messages smoothly on **Kafka Cluster setup**.
- Have knowledge on partition of Kafka messages and setting up the replication factors in Kafka Cluster.
- Worked on **Big Data Integration & Analytics based on Hadoop, SOLR, Spark, Kafka, Storm and web Methods**.
- Experience in building single page applications(SPA) using HTML/HTML5, CSS/CSS3, JavaScript, React.js MVC, Angular.js, Angular 2
- **Experience in development of web applications using Java/J2EE, Servlets, Hibernate(ORM), JSP, JSF, JSTL, Spring, Spring boot, EJB, JMS, Servlets, Web Services (SOAP, REST), E-Commerce, Micro Services, JDBC, JAXP, Swing.**
- **Experienced in MVC (Model View Controller) architecture with Struts and Springs framework involving various J2EE design patterns**
- Developed and updated the webpages using **HTML5, CSS3, React.js, Angular.js** for achieving cross browser compatibility.
- **Experience in Java technologies which include Java Collections, Interfaces, Synchronization, Serialization, IO, Exception Handling, Multi-Threading, Java Beans, REST API, WSDL.**

- Experience in UI frameworks such as React.js, Node.js, and Angular.js. Experience in Web Service Technologies: SOAP, Restful, WSDL, JAX-WS.
- Expertise in design and development of enterprise level spring based web applications using Spring REST, Hibernate, EJB, Struts, Servlets 3.x, JSP and JSF for User Interface Applications.
- Rich experience in consuming Restful web services by making asynchronous calls to the server using Ajax, isomorphic-fetch and resolving the JSON from the response
- Experience in working with the NoSQL, Mongo DB, and Apache Cassandra.
- Strong experience in working on JavaScript environment like MEAN (Mongo, Express, Angular, Node).
- Experience in testing with JUnit Framework using Mockito and Easy Mock, Spring JUnit Runner, JMeter.
- Experience in working with Relational Database (RDBMS) concepts like database designing, Normalization, PL/SQL, Stored Procedures, Triggers etc
- Experience in writing SQL queries, Stored Procedures for accessing and managing databases such as Oracle 7.x/8/9i/10g, MySQL, MS SQL Server, DB2.
- Implementing Micro services to base on Restful API utilizing Spring Boot with Spring MVC and Apache Kafka.
- Good experience with Spring AOP, Spring Transactions, Spring Security, Spring Quartz batch jobs. Used Executor Framework to deal with Java Threads.
- Involved in building and deploying Apache ANT/ MAVEN scripts for deployment and customizing WAR/ JAR file management for web applications.
- Experience with Docker images, Containers, push/pull with Spring Boot, used Jenkins for CICD and AI.
- Experienced in web Application servers like Web Logic 10.0, JBoss 7.1.0, WebSphere 8 and Tomcat 8.
- Strong Understanding in using Amazon Web Services AWS and experience focusing on services like EC2, VPC, Cloud Watch, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.
- Expertise in several testing environments like JUnit, Selenium, CURL, Jenkins, SoapUI and System Testing.
- Developed applications using latest technologies like EJB3.2, Spring 3.x/4.x, Hibernate3.2/4.x, and REST based Web services (Axis2.0.JAX WS 2.0, JAX RS).
- Good knowledge in front end testing tools using Jasmine, Karma and Protractor.
- Worked on Web Services testing using Selenium, RC Server, Selenium Grid/Web Driver Testing, SOAPUI & Testing.
- Very good communication and analytical skills and can work independently as well as in a team environment.

#### Technical Skills:

- **Languages:** C, C++ with OOPS, Java 1.3/1.4/1.6/1.7, J2EE, Python 3.6.0
- **Web Technologies:** SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlets API 3.0
- **Frameworks:** Spring 4.3, Hibernate 4.3, Angular JS 1.0/1.5/2.0, Spring Security 3.2
- **Application/Web Servers:** Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, Jenkins 2.50, WebSphere MQ 7.5
- **Relational Databases:** Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1
- **Nosql Databases:** MongoDB, Cassandra, Couch DB
- **Internet Technologies:** HTML 5, JavaScript 1.8, XML 2.0, CSS 3 & CSS 4 jQuery 2.11, Angular JS 2.0, Node JS 6.0.
- **IDE:** Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3
- **Operating System:** Windows 10, Linux Mint 18.1, Unix
- **Bug Tracking Tools:** JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12,
- **Reporting Tools:** Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0
- **Methodologies:** Agile, waterfall, TDD (Test-Driven-Development), Scrum
- **Developer IDE Platforms:** Eclipse, Edit plus, Notepad ++, TEXT PAD, JBuilder, Net Beans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3, GITHUB 2.12.0
- **Build Tools:** Ant 1.10, Maven 3.3.9, Gradle 3.4.1
- **Web Services:** SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS

#### Education:

- Master's Computer Science, Campbellsville University, KA 2015

#### Professional Experience:

**Responsibilities:**

- Developed a goal prioritization module for performance goals in Fusion ERP using Oracle ADF with Agile methodology.
- Maintained sole-ownership of 3 modules - Security, Goal Measurements, Eligibility Profiles - using JAZN, J2EE, and ESS.
- Resolved 250+ critical bugs in the product to improve performance and help customer's to Go Live.
- Discussed, analyzed and strategized product design with Product Managers, UX team and Business Managers.
- Interviewed prospective employees and mentored junior software developers on the team.
- Provide information by collecting, analyzing, and summarizing development and service issues.
- Engineering and organization mission by completing related results as needed.
- Supports software engineers by providing advice and training.
- Used Bootstrap and AngularJS, React.js and Node.js in effective web design
- Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
- Extensively used Core Spring MVC Framework for Dependency Injections of components.
- Implemented React JS code to handle cross browser compatibility issues in Mozilla, IE 7, 8, 9 and Safari.
- Maintaining parent and child elements by using State and Props in React JS.
- Worked on Thread handling to maintain continuity of execution and extensively implemented Multithreading concept to handle Transaction Management with isolation and propagation levels.
- Built microservices with Spring Boot to serve multiple applications across the organization. The data is provided & consumed in JSON.
- Experience in developing java programs at the Application side. Developed Ruby/Python scripts to monitor health of Mongo databases and perform ad-hoc backups using Mongo dump and Mongo restore.
- Experience in handling, configuration and administration of databases like MySQL and NoSQL databases like MongoDB and Cassandra.
- Experience in MongoDB installation, patching, troubleshooting, performance, tracking/tuning, back - up and recovery in dynamic environments.
- Experience in managing life cycle of MongoDB including sizing, automation, monitoring and tuning.
- Experience with complex data environments.
- Experience on working with MongoDB Ops Manager, Cloud Manager and Atlas Manager
- Created Hibernate mappings and debug issues related to data integrity
- Created RFP microservice to provide RESTful API utilizing Spring Boot with MicroServices.
- Used Web Logic for design, development, and deployment of applications.
- Worked on Rest Web services as well as Node Rest framework for backend services, used Mongo DB (NoSQL) for database services and RESTful web services using Jersey for JAX-RS implementation
- Developed the Web Services Client using REST, RSDL for verifying the new customer history to a connection.
- Strong Knowledge on Hibernate and in using Hibernate Connection Pooling, HQL, Collections, Hibernate Caching and Hibernate Transactions.
- Used J2EE design patterns like MVC, Singleton, Factory, DAO, DTO and Service Locator etc.
- Developed RESTful web services using Jersey, Spring framework and JAX-RS.
- Created REST based web services by establishing links using HATEOAS from Spring based application.
- Used Spring core for dependency injection/inversion of control (IOC), and integrated with Hibernate.
- Spring Boot Microservices were developed with microservice architecture using REST and Apache Kafka.
- Identified Re-Usable components in all modules and written Re-usable functions using Selenium Web driver and Java / Java Script.
- Deployed Docker contained Spring boot micro services in to Spring EC2 container service using AWS admin console
- Experience with building Docker Images and running them on Docker container.
- Developed Python OO Design code for logging and debugging code optimization.

- Prepare Java/J2EE development structure for Eclipse, maven, Jetty.
- Used Jenkins as the integration tool and improved scalability of applications on cross-platforms.
- Used JIRA to keep track of bugs and issues.
- Using JUnit test in Eclipse, developed Unit test cases and test suite. Curl was also implemented to test
- Used Maven for build and deployment to Tomcat server and Splunk as log monitoring.
- Developed Ansible to manage Web applications, Environments configuration, Users, Mount points and Packages.
- Used Git for version control and JIRA for bug Tracking and Project Management.

**Environment:** Java, J2EE, Spring 4, Hibernate 4.2, Spring Boot, JPA, JavaScript, Angular, Typescript, HTML 5.0, CSS3, Bootstrap, NPM, Web pack, Swing, Python, UNIX, Apache Tomcat, STS, Oracle 11g, MongoDB, Log4J, JUnit, Selenium, XML, Web Services, SOAP UI, Kafka, Ansible, Splunk, AWS, Git, PL/SQL, Docker, HATEOAS, Curl.

**United Health Group, Minneapolis, MN**  
**Sr. Java Full Stack Developer**

**Jan 2017 - Aug 2018**

#### **Responsibilities:**

- Developed and tested modules using Agile (SCRUM) methodologies and developed Technical design documents.
- Followed Agile with JIRA for a 2-week release approach of development/deployment strategy.
- Experience in developing java programs at the Application side. Developed Ruby/Python scripts to monitor health of Mongo databases and perform ad-hoc backups using Mongo dump and Mongo restore.
- Experience in handling, configuration and administration of databases like MySQL and NoSQL databases like MongoDB and Cassandra.
- Mentored junior developers on Java, JavaScript, Web Application Development and OOA&D
- Architect of the EasyLink project, performing requirements analysis, design, service and technology sourcing, and extensive front-end cross-site scripting in JavaScript with HTML5 LocalStorage, cookies, HTTP/HTTPS coordination, shopping cart and session migration; prototype on a mean.js stack, production with Java and Spring.
- Coordinated core server product development in Spring MVC and Spring SOA service components for deployment to 200+ client sites, ensuring compatibility with all major browsers on mobile and desktop platforms
- Created client documentation for IT group integration; authored PowerShell installation and deployment scripts to assist QA and DevOps teams
- Independently authored a geolocation data source as a JAX-RS/JAXB web service for high scalability and always-on updating.
- Responsible for setting up Angular JS framework for UI development. Developed html views with HTML5, CSS3, JSON and Angular.js, Bootstrap.
- Used the http services in Angular.js to make API calls and exchange data in JSON.
- Extensively used jQuery, Node.js in implementing various GUI components in application portal.
- Used jQuery to make the HTML, CSS interact with JavaScript functions to add dynamism to web page.
- Worked with controller, service and view components in applications using Spring Boot framework.
- Served as backend lead developer on the Interactive Content team.
- Implemented CMS functionality for Product Reviews, Listicles, Canned Filters, and Advanced Product Filters.
- Worked on 3rd-party API integrations with Amazon, Rewardstyle, and ShopBazaar developed with TDD principles.
- Troubleshooted issues affecting production, stage, and development environments as requested.
- Have knowledge on partition of Kafka messages and setting up the replication factors in Kafka Cluster.
- Worked on Big Data Integration & Analytics based on Hadoop, SOLR, Spark, Kafka, Storm and web Methods.
- Enterprise level web applications were supported by building Spring based Java micro services.
- Created Single Page Application (SPA) which can data bind and synchronize server with Angular.js framework.
- Improved code maintenance which resulted in significant code reduction, ease of upgrade, ease of developer and performance by refactoring existing Angular.js application and used various predefined components from NPM.

- Java expression tags were avoided using Bean, HTML and Logic Tags, and used display tags to render large data.
- Involved in developing role based HTML navigational menu, where in menu items change dynamically based on the values derived from database in the form of XML data.
- Hibernate DAO classes were developed to retrieve and save data using Spring framework manager classes.
- Experience in Creating, Dropping Indexes, Tables, Stored Procs and Views on Oracle DB.
- Designed and developed front end screens for new reports using Swing components.
- JSON used as the main data-interchange format in place of XML.
- Implementation of data access layer has been cumbersome for a while and this was greatly resolved using Spring JPA through implementation of data access layers there by reducing boiler-plate-code.
- Used Micro-services to ensure the scalability of application on cloud infrastructure.
- Involved in developing the persistence layer using Hibernate framework.
- Used Hibernate as an implementation engine for JPA API.
- Developed store procedures and complex queries using tool called PL/SQL developer.
- Used Maven for building, deploying application, creating JPA based entity objects and compiling GWT application.
- Configured WebSphere Application Server (WAS) on multiple platforms for both horizontal and vertical scaling.
- Installing, configuring and administering Jenkins CI tool using Chef on AWS EC2 instances.
- Developed, Tested and Deployed application in Apache Tomcat 8.0 server.
- Log4J is used for logging purposes and debug levels are defined for controlling what we log.
- Writing Unit test cases using JUnit testing framework and performed unit and system testing.
- Used Jenkins for continuous integration in which all development work is integrated and involved in deploying the application using Docker to AWS environment.
- Developed DAO layer using Cassandra and expertise in CQL (Cassandra Query Language), for retrieving the data present in Cassandra cluster by running queries in CQL.
- Created and configured management reports and dashboards using Splunk.
- Used Subversion (SVN) as source control tool.

**Environment:** Agile (SCRUM), Subversion (SVN), XML, XSL, Angular.js, Bootstrap, HTML5, JavaScript, CSS3, Ajax, Spring4.x, Hibernate 4.x, AWS, WebSphere7.5, Swing, Web Services, JMS, SoapUI, Cassandra, TestNG, JSON, Maven, Log4j, Oracle DB, ANT.

**Caliber home loans, Irving, Texas**

**Nov 2014 - Dec 2016**

**Java Full Stack developer**

#### **Responsibilities:**

- Responsible for all stages of design, development, and deployment of applications. Active role in Test Driven Development termed as TDD apart from Agile Software Development
- Extensively worked with CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and CSS behaviors in CSS.
- Involved in Java Multithreading to cascade multiple changes on multiple records in only one transaction
- Using Struts Framework developed and implemented the web-based application following the MVC.
- Written application level code to interact with RESTful Web APIs, Web Services using AJAX, JSON, XML and jQuery.
- Designed dynamic and multi-browser compatible pages using HTML, CSS, jQuery, JavaScript and AJAX.
- Developed the presentation layer using HTML5, CSS3, JavaScript, jQuery
- Involved in Use Case Diagrams, Class Diagrams and Sequence diagrams using Rational Rose.
- Used Spring Framework AOP Module to implement logging in the application to know the application status.
- Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency.
- Used multithreading to improve performance in generating the reports in Java.
- Designed and developed Web Services (SOAP, WSDL).
- Used Spring Framework for Dependency Injection and integrated it with the Struts Framework and Hibernate.
- Used the Struts Validation and Tiles Framework in the presentation layer.

- Worked on performance tuning with Web Services and Hibernate to minimize the response times to as minimal as possible (milliseconds) as per the SLAs.
- Used XML Http Request Object to provide asynchronous communication as part of AJAX implementation.
- MQ was used to provide a single unifying transport that reduces cost and maintenance efforts, including support for HTTP, REST and JMS. WSDL was used for publishing Web Service interfaces.
- Used SOAP for Web Services by exchanging XML data between applications over HTTP.
- Designed and implemented Java Classes to use JAXP parser to create Java objects to be able to modify the data received in the response.
- Used Git-Hub repository for version control. Wrote Ant Scripts to automate the build and deploy process.
- Deployed J2EE applications in WebSphere application server by building and deploying ear file using ANT script.
- Involved in Code Review, Unit Testing and Integration Testing, Selenium Web Driver.
- Worked on Oracle 10g for applications containing Annotated EJB3.0 entities relating to JPA.
- Configured Log4j tool to log the entire application.

**Environment:** Core Java/J2EE, Servlets, JSTL, CSS, JSON, Apache Camel, JMS, XML, XSLT, JDBC, Ajax, Spring AOP Module, Ant Scripts, WSAD, IBM MQ, HTML, JavaScript, Eclipse, UML, Rational Rose, WebSphere Application Server 7.0, CVS, JUnit, Ant, Selenium Web Driver, Oracle 10g.

**IMImobile, India**

**Mar 2013 - Sep 2014**

**Java Full Stack Programmer**

**Responsibilities:**

- Involved in various phases of Software Development Life Cycle (SDLC).
- Responsible for creating efficient design and developing User Interaction screens using HTML, CSS, JavaScript, Angular, jQuery, AJAX and JSON. Developed dynamic e-mails using JavaScript, and hand coding of HTML, XHTML.
- Created Dashboards using Java and Servlets along with HTML and JavaScript.
- Extensively used core Java Collections, Generics, Exception Handling, and Design Patterns for functionality. Involved in writing different Design Patterns like Filter, Action, Business Delegate, Service Locator, Data Transfer Objects (DTOs) and Data Access Objects (DAOs)
- Created Servlets which route submittals to appropriate Enterprise Java Bean (EJB) components and render retrieved information. Developed various EJB components to fulfill the business functionality.
- Developed Session Beans to process requests from the user and used entity beans to retrieve and update customer
- Involved in writing the exception and validation classes using Struts validation rules.
- Implemented the Email module, which included setting up JMS message queue.
- Used Apache Axis for consuming Web Services.
- Used JDBC/Hibernate in persistence layer of the application.
- Used WebSphere Application Server for deploying various components of application.
- Persistence layer was implemented using Hibernate Framework.
- Front-end is designed by using HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts.
- Involved in developing the CSS sheets for the UI Components. Used JavaScript for the web page validation.
- Written ANT scripts for building application artifacts. Monitored the error logs using Log4J and fixing the problems.
- Wrote P+L/SQL stored procedures, prepared statement and used API.
- Involved in writing and executing stored procedures, functions and triggers for Oracle to create a Database
- Gradle build tool used to add dependencies to the project.
- Used XML with SAX parser to transfer data between applications. Used JUnit for unit testing.

**Environment:** J2EE, Java SDK, XML, SAX, JSP, JMS, HTML, JavaScript, Struts, Hibernate, Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, EJB, RMI, JNI, WebSphere Application Server, ANT, CVS, Gradle, Oracle 10g.

**InnoEye Technologies, Indore, India**

**Nov 2012 - Jan 2013**

**Jr. Java Developer**

**Responsibilities:**

- The system was designed per J2EE specifications. Servlets were used as a Front Controller gateway into the system. Helper classes were used to limit the business logic in the servlet. EJB was used to talk to the database and JSP along with HTML, XML was used to control the client view
- Designed and added new functionality extended existing application using J2EE, XML, Servlets, JSP
- Client side validations are done using JavaScript and server side validations are done using Struts validator framework
- Developed Action Classes, which acts as the controller in Struts framework
- Created table and different batch programs to clean up tables in DB2 database
- Extensively used Collections and Exceptions in the batch program for database cleanup
- Establishing JDBC connection using database connection pool
- Wrote complex SQL statements to retrieve data from the DB2 database
- The application was developed using Eclipse on Windows XP.
- Implemented Log4j to maintain system log.
- Used Junit framework for Unit testing of application
- Used Clear Case for version control.

**Environment:** JAVA, J2EE, HTML, XML, CSS, JavaScript, windows/unix, Struts, Servlets, JSP, EJB, Eclipse, JDBC, DB2, ClearCase

**Education details:****Bachelors**

B.com Computers

Vikas Degree College(Kakatiya University)

**Masters**

Masters of Science in Information Technology Management

Campbellsville University(Kentucky)