**Radha Sangamesh**

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**Professional Summary**

* Over 8+ years of professional experience in Systems Analysis, Design, Development of various Client/Server and Internet Applications.
* Hands on knowledge of Object Oriented Analysis and Design (OOAD), Design Patterns, J2EE Design Patterns, MVC and Multi-tier architectures.
* Extensive experience working withFinancial, Telecom, Retail clients including Fiserv, Comcast and GAP and Fidelity.
* Worked on Java and related technologies – Core Java and J2EE –Spring, Spring Boot,Spring MVC, Spring AOP, Spring Security,Spring Rest, Microservices, REST APIs and SOAP Web Services, Struts, Hibernate, EJB, JPA, JDBC, JNDI, JMS, XML, XSLT, JAX-WS, JAXB, WSDL, JAAS.
* Expertise in developing multi-tier web applications in both Spring MVC and Struts MVC that ensures clear separation of layers and rapid application development.
* Expertise working with Java 8 features likes Lambda Expressions, Streams API, Default Methods and Functional Interfaces.
* Experienced in developing Micro Services using Spring Boot and Cloud Technologies AWS, Pivotal Cloud Foundry (PCF).
* Working knowledge of Amazon Web Services (AWS), including Amazon Web Services (EC2, S3, DynamoDB, RDS, Elastic Load Balancing, SQS, Identity Management, Cloud Watch and Identity Management).
* Experienced in implementing Restful Web Services and SOAP web services.
* Work within a Continuous Integration and Continuous Delivery development model.
* Proficient in Multi-threading, Synchronization, Collections, Exception handling using Java & J2EE technologies.
* In-depth Working knowledge of IBM WebSphere, WebLogic, JBOSS, and Apache Tomcat web servers.
* Expertise in Eclipse, IntelliJ, Spring Tool Suite (STS) and various plug-ins, such as Find bugs and SOAP-UI for testing web services.
* Experience using various Web/Application servers - IBM Web Sphere, BEA Web Logic, Apache Tomcat and JBoss.
* Proficient in using RDBMS concepts with Oracle, DB2 and MS SQL.
* Experienced in testing web services using Soap UI, Post Man tools.
* Quick learner, have ability to grasp new technologies quickly and to correctly apply them to build applications and a very good team player.

**Technical Skills**

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| Programming Languages: | Java 8 and Java 11, J2SE, Java Script |
| Databases | Oracle, PostgreSQL, IBM DB2, MS SQL |
| Java Frameworks | Spring Core, Spring Boot, Spring MVC, Spring AOP, Spring Security, Spring Rest, Microservices, Struts, Hibernate, JPA. |
| Application Server/Web Server/ Middleware Systems | IBM WebSphere7.0, BEA WebLogic7.1/8.1, Apache Tomcat, Apache HTTP Server, JBoss, Jetty Server |
| Cloud Technologies | AWS (EC2, Cloud Watch, S3, IAM), PCF |
| Technologies | Servlet, JSP, EJB, JSTL, JSF, JDBC, JNDI, JAAS, JMS, XML, XSL, HTML, DHTML, JavaScript, jQuery, JSON, AJAX, CSS, SQL, SOA, JMS, Kafka |
| Tools | JIRA, Rally, Jenkins, Sonar, Maven, Gradle, GitHub, JUnit, Mockito, Toad, Rational Clear Quest, Rational Rose |
| Version Control | Git, Subversion, ClearCase, CVS |
| Java IDE | Eclipse, Rational Application Developer, STS, NetBeans, Intellij, Borland JBuilder 6. |
| Operating Systems | Windows, Unix, Linux |
| Others | UML, OOAD, Database Concepts, Design Patterns. |

**Professional Experience**

**Client: IAT Insurance Group, Raleigh, NC Oct 2023 – Till Date**

**Role: Senior Java Developer**

**Responsibilities:**

* Participated in project planning sessions with business analysts and team members to analyze business IT Requirements and translated business requirements into a working model.
* Worked on Agile Methodology, attend daily scrum meetings, sprint planning and retrospective meetings.
* Actively involved in Analysis, Design, Development and System Testing.
* Build the application based on new features of Javajdk 1.8features at service layer level.
* Developing Micro services using Spring Boot and Spring data JPA and used Oracle retrieve data from Database.
* Developed dynamic and responsive web applications using AngularJS, creating interactive user interfaces that enhance the user experience.
* Involved in converting Legacy Systems to Spring boot Micorservices.
* Designed, Configured and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon cloud formation.
* Worked on implementing Rest Api’s in the application.
* Used Rest Template to consume internal and external APIs.
* Developed Kafka-based event-driven microservices architecture to enhance data processing efficiency and reduce latencyin a high-throughput financial transaction system.
* Implemented Kafka producer and Kafka consumer applications on Kafka cluster setup.
* Developed integration test cases using Mockito and Junit 5 for backend.
* Created test scripts using Selenium WebDriver.
* Executed parallel browser testing on various machines using Selenium Grid and performed cross browser testing.
* Troubleshooting, identifying root causes. Debugging, analyzing issues whenever required and providing on-time solutions.
* Providing business clarifications to QA team on various system behaviors by performing extensive code analysis.
* Performed code review and unit tested the application.
* Used Postman collections to test the rest-based services request and responses.
* Used Maven building tool for creating jar file to be deployed in application servers.
* Used JIRA ticketing system to keep track of issues and tasks on individuals.
* Used Git as Version Control tool to develop the enhancements for every release.
* Triggered the jobs in Jenkins for continuous integration and continuous deployments (CI/CD).
* Created new tables, Stored Procedures, functions, views, indexes and constraints, triggers and required SQL tuning to reduce the response time in the application in Oracle DB.
* Worked on fixing SonarQube reported issues in the application.
* Involved in production support, resolving the production job failures, interacting with the operations support group for resuming the failed jobs.

**Environment**: Java11, Spring Boot, Microservices, REST, Oracle, Kafka, AngularJS, AWS, Offset Explorer, RKS, GIT, Jenkins CI/CD, JSON, XML, Java Beans,  JIRA, JUNIT, Mockito Framework, SonarQube, Maven, Splunk, DataDog, Intellij IDE

**Client: Blue Ridge Bank, Charlottesville, VA Aug 2021 – Sept 2023**

**Role: Java Developer**

**Responsibilities:**

* Assisted with the SDLC requirements gathering, analysis, design, development, and testing of Agile applications.
* Integrated Spring Framework features such as Spring Dependency Injection, Spring Transaction, Spring Data, and Spring AOP with Spring MVC.
* Accessed other microservices using Spring Boot's RESTful asynchronous microservices in an average of thirty milliseconds.
* Developed new features for a monolithic code base while supporting all microservices.
* Developed applications using the Java SDK on Amazon Web Services.
* Utilized OAuth 2.0 and spring security authentication to access our RESTful web services.
* Implemented RESTful services using JAX-RS, Spring Boot, and microservices.
* Used Spring, Spring-Data JPA, Spring Boot, and Oracle to develop application components.
* Developed and enhanced stored procedures and views. For generating the reports, I wrote SQL queries in Oracle.
* UsedJenkins to build continuous integration Docker images.
* Added Maven dependency to your application building processes that create Pom.xml files.
* Dealt with GIT for Source Control and Version Management of all codes and resources.
* Finalize requirements with the Business requestor after assigning the JIRA issue requests.

**Environment:** Java 11, Spring, Spring Boot, Microservices, Spring Data, Spring MVC, Spring Transaction, Spring AOP, Spring Cloud Config, AWS, REST API, OAuth 2, Apache Tomcat, Maven, STS, Jenkins, GIT, Jira, Oracle, Agile, Windows.

**Client: Grand South Bank, Greenville, SC Nov 2019 – Jul 2021**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Designed, developed, tested, and debugged multi-tier database-driven Java applications and components.
* Introduced features of Java 1.8, including streams, lambda expressions, functional interfaces, collections, and changes to date/time.
* Created an SOA (Service Oriented Architecture) to retrieve data from a client, make REST API calls, parse the data, and integrate Spring Security for authorization and security.
* Extensively implemented Spring MVC, Spring Security, IOC (dependency injection), and Spring AOP.
* Developed REST micro services with Spring Boot, generating metrics at the method level, and creating persistence with Spring AOP.
* Connecting to Amazon S3 buckets using the AWS SDK as the application stores and retrieves media files from the object storage service.
* Integrated multiple applications using Apache-CXF Web-Services to integrate internal and third-party components.
* Debugging application modules was part of my responsibilities. Utilized AWS services to deploy application.
* Interact with Oracle DBMS using service methods, SQL queries, and PL/SQL.
* UsedSpring Data, implemented JDBC Template and Spring ORM classes to perform database operations using Data sources.
* Tested the rest-based services using REST Client and POSTMAN.
* Dynamically download libraries and dependencies using an automation tool built using Maven.
* Developed the application with Visual Studio Code and installed it on Apache Tomcat.
* Monitoring work assignments in the system using JIRA, tracking issues/bugs using JIRA.

**Environment:** Java 8,Spring, Spring Boot, Microservices, Spring JDBC, IOC, DI, Spring Security, AWS, Oracle, Apache Tomcat, Postman, Apache CXF, Restful Webservices, Maven, GIT, Jira, Agile, Windows.

**Client: Advance Auto Parts, Raleigh, NC Mar 2018 – Oct 2019**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Participated in Agile-Scrum processes such as sprint planning and sprint demos.
* Worked heavily on Lambda Expressions, Functional Interfaces, and Stream APIs in Java 8.
* Develop application components using Spring Framework components, including Spring Boot, Spring JDBC, Spring IOC, Spring AOP, and Spring Transaction Management.
* Integrated Spring Beans' IOC and Transaction management features to handle transactional logic.
* Created web services using JAX-RS (REST) and wrote programs to consume them using SOA and CXF.
* Developed a JSON-like format for MongoDB connection data.
* Implemented automation tests in Java for RESTful services to validate end-to-end business functionality and handle errors.
* Used Jenkins and Docker for Continuous Integration and Deployment of Microservices.
* Developed mock objects and implemented JUnit for unit testing.
* Utilized Jira to manage agile sprints, create stories and complete post-sprint activities.
* Assist the release management team during the release process to ensure the proper procedure is followed.

**Environment:** Java 8, Spring, Spring Boot, Microservices, Spring IOC, Spring AOP, JDBC, Spring Transaction Management, Spring Batch, AWS, JAX-RS, JSON, Mongo DB, Apache Tomcat Server, Junit, GIT, Jira, Agile, Windows.

**Client: CarMax, Richmond, VA Sept 2016 – Feb 2018**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Contributes to the analysis, specification, design, implementation, and testing of the Software Development Life Cycle (SDLC).
* Developed an application using Spring MVC, Spring DI, and AOP modules.
* Build server-side components using Spring MVC and the persistence layer using Hibernate.
* Developed Junit test cases for all validations, including deploying the application on Web Sphere Application Server and capturing the log with Log4J.
* Deployed the application on an embedded Tomcat server using Maven.
* Contributed to the GIT repository by maintaining the source code.
* Using SOAP UI, validated Restful web services.
* Created Jenkins jobs for continuous integration and continuous deployment (CI/CD).
* Utilized the defect tracking tool JIRA to track and create defects.

**Environment:** Java 7, Spring, Hibernate, WSDL, SOAP, JAX-WS, Hibernate, Log4J, Eclipse IDE, WebSphere, GIT, Maven, Jenkins, Jira, Agile, Windows.

**Education Details:**

Bachelor’s Degree from Karnataka University

Master’s Degree from VTU.