**Richika Karra**

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PROFESSIONAL SUMMARY

* **8 years** of experience in various phases of Software development including system analysis, design, development, testing, and implementation of web-based applications using JEE architecture.
* Excellent experience in Object Oriented design and Expertise in development of Applications involving J2EE technologies with Java, Servlets, JSP, JavaScript, AJAX, Spring MVC, Hibernate, JPA, XML, JDBC,JAVA Bean, JMS Restful, SOAP Web Services, PL/SQL, Perl and UNIX shell scripting.
* Expertise in developing and consuming Web Services including different technologies and standards like SOAP/UDDI/WSDL, RESTful, JAX-WS, JAX-RS, Apache CXF.
* Experience with frame works like Struts, spring, Hibernate and JPA.
* Experience in support and deployment of OpenShift framework.
* Experienced in web services design and development using HTML, Java Script, Angular JS, AJAX, CSS, JSP Tag libraries, XML and JSON.
* Evaluated application architectures, made suggestions, and led refactoring efforts to solve problems by applying enterprise application design patterns including Domain Driven Design, Object-Relational Mapping (ORM), Repository and Unit of Work patterns, Inversion of Control (IoC), separation of concerns, and proper layering and solution structure. Used the same techniques to architect new application projects as well.
* Expertise in using J2EE Application Servers like Oracle WebLogic and Webserver’s like Tomcat 5.x/6.x.
* Expertise in database modeling and development using SQL and PL/SQL in MySQL.
* Experience in Regression testing and Unit testing using tools like JUnit.
* Experienced in Adobe LiveCycle ES3/ES4 with work experience in LiveCycle Workspace, Process Management, and digital signature and Document output services like Life Cycle PDF generator and good knowledge to other modules like Data Services.
* Excellent experience in installing Adobe Life Cycle Enterprise Suite, creating data sources and deploying EAR's in WebLogic and WebSphere Application Server, and manually configure them based on the Environment requirements.
* Expertise in Spring framework, including Spring IoC, Spring DAO support, Spring ORM, Spring AOP, Spring MVC, Spring Cache, Spring Batch, Spring Boot.
* Expert knowledge over J2EE Design Patterns like MVC Architecture, Singleton, Factory Pattern, Front Controller, Session Facade, Business Delegate and Data Access Object.
* Proficiency in developing Model View Controller (MVC) Architecture based applications using Spring Framework.
* Have good knowledge working on XML Suite of Technologies XML, XSL, XSLT and validations with DTD & XML Schema and processing files with SAX, DOM Parsers.
* Hands on experience in using VMware’s vCenter and vSphere Administration, Java Swings, Apache Wicket framework.
* Good Knowledge of using IDE Tools like Eclipse, RAD 8.0, RAD 8.5, NetBeans for Java/J2EE application development.
* Have good knowledge of Apache Kafka but doesn’t have any working experience.
* Experienced in supporting data analysis projects on the Amazon Web Services (AWS) cloud.
* Experience in using Maven and ANT for build automation.
* Experience in using version control and configuration management tools like SVN, GIT and JAZZ.
* Involved in developing Test plans, Test Cases (Manual/Automated), Test Procedures and white-box and black-box testing.
* Good working knowledge on Application development life cycle process.
* Well versed with open source environment.

TECHNICAL EXPERIENCE

**Languages:** Java, Python

**JEE Technologies:** Servlets, JSP, JDBC, JAVA Bean and JMS

**MVC frameworks:** Spring MVC, Struts, JPA

**Application frameworks:** Spring

**ORM frameworks:** Hibernate 3.5

**IDE Tools:** Eclipse, STS, and IBM RAD

**Application Servers:** WebLogic, WebSphere and Tomcat 5.x/6.x

**DBMS:** MySQL, Oracle, Columnar DB and IBM DB2

**Operating Systems:** Windows-98/2000/2003/XP, Linux and Unix

**Unit testing:** Junit

**Methodologies:** Waterfall, AGILE and SCRUM.

**XML Technologies:** JAX-RPC, JAX-WS, JAX-RS, SAOP and REST.

**Web Technologies:** HTML, CSS, XML, JavaScript, AJAX, jQuery, Bootstrap.Js

**Business Rules:** ILOG JRules

**Forms Servers:** Adobe LiveCycle ES3/ ES4 and AEM 6

**Build Management:** Maven, ANT, Jenkins

**Others:** GIT, JAZZ, SVN, CVS, JMS.

PROFESSIONAL EXPERIENCE

BCBS – Chicago, IL Dec 2019 – Present

*Senior Java/J2EE Developer*

* Participated in SCRUM meeting, grooming session and Gave points for user stories.
* Worked on design and development claim adjudication system.
* Supported contract load in bd core application in pre prod and prod environment.
* Supported bd production application Verification last weekend (Dat file deploy to prod and verification of the Bd app after prod deploy).
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.Actively participated in code merge – GitHub and GitBash.
* Implemented Business logic in the middle-tier using Java classes, Java beans.
* Created and consumed Microservices based on Web API.Worked on creating SLA and version updates in pom file
* Implemented method and process by using GitHub and Jenkins for application standpoint.
* Involved in Developing the new process of using mavenized rules and its integration with Bd core.
* Involved UCD deployment, WebSphere – admin console and configuration items.
* Participated in Contract Dat file verification, NCCT data load process, WAS, WMQ and Grace period notification job.Involved in implementing the code, Fixing QA defect rose on JIRA.
* Used SonarQube for analyzing the source code to find out if there any potential bugs in the code.
* Gained knowledge on Requesting AOM and troubleshooting FEP, random issues.
* Responsible helping to develop appropriate ITIL based policies and processes for Incident, Problem and Change Management.
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Support and Deployed the Services onto the OpenShift and tested end-to-end application
* Developed AngularJS/8 Single Page Application consuming JSON data from Restful services.
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces.Experience with and solid understanding of MicroServices.
* Design coded and tested key modules of the project using java oops concepts, JSP.

***Environment:Core Java, Eclipse, JRules, SonarQube, JAVA, WebSphere, JDBC, RAD 9.2, NetBeans, JIRA, JavaScript, Maven, GIT, JAZZ, JAVA 8, Microservices, Angular 8, AWS, API, Linux***

PPD - Morrisville, NC May 2018 – Nov 2019

*Senior Java / J2EE Developer*

* Attend daily Scrum meeting organized by Scrum Master. Effectively communicate with technical staff at 3rd party partners by attending the meetings with them.
* Worked on Agile, Scrum development methodology and built the application with Test Driven Development (TDD). Implemented event handling using Java and JavaScript.
* Implemented Spring MVC, Dependency Injection (DI), Aspect Oriented Programming and Spring Boot features along with spring data.
* Experience in working with some of the Java 8 features like Stream API and Lambda expressions.
* Developed Customized Spring Multi Action controllers for handling similar operations to avoid redundancy of code and configured spring and Spring JDBC frameworks to develop full-fledged MVC and DB interaction application.
* Implemented Business logic in the middle-tier using Java classes, Java beans.
* Designed and developed various Web forms using HTML, CSS, Bootstrap, JavaScript and JSPs.
* Participated in frontend development using HTML, CSS, JavaScript, angular6/7.
* Developed UI screens with Angularjs/6/7, Bootstrap to provide interactive screens to display dynamic data.
* Writing Ajax calls to populate data on the UI pages and load pages dynamically.
* Developed Single page applications using Angularjs/6/7.
* Developed the web application by integrating JSP employing AJAX, JQuery at client –side components enabling rich web applications without any separate plugins.
* Configured WebLogic 12.1.3 Server for deploying web and business components.
* Developed Stored Procedures using Oracle, DDL and DML statements, functions, triggers while interacting with Databases.
* Support and Deployed the Services onto the OpenShift PODS and tested end-to-end application
* Used Apigee as an API gateway for APIs transformation, multiple authentication mechanisms.
* WebLogic Portal was used to develop an online portal for the project.
* Created RFP Micro service to provide RESTful API utilizing Spring Boot with Microservices.
* Designing and developing Restful API and services using best practices to interact within the Microservices and with the front end. Using spring MVC and spring rest.
* Experience in creating the reusable form template and fragments using Adobe LiveCycle ES4 and deploying them in AEM sever for the pdf generation.
* Used log4j for tracking errors and debugging the code.
* In conjunction with the Director of Production Operations, assisted in the design and implementation of policies based on ITIL best practices while reducing the overall impact to the affected teams.
* Used SPLUNK tools for logs analysis and created alters in Splunk if the errors reached specific threshold count.Used IBM ILOG JRules for the business trigger.
* Experienced in creating offline interactive forms, online interactive forms, static forms and dynamic forms.Experienced in consuming Web services to pre-populate interactive forms.
* Support and Deployed the Services onto the OpenShift and tested end-to-end application
* Created RESTful web services interface to Java-based runtime engine.
* Used JNDI for naming and directory services.Implemented JMS Listeners and Message Driven Beans (MDB).Developed JUnit test cases for all the developed modules.
* Used CI/CD tool like Jenkins to automate builds and deployments
* Closely worked with the QA team for testing and resolve bugs in the application.

***Environment: Core Java, Spring MVC, Hibernate, Oracle, Multi-Threading JAVA 8, J2EE, JSP, Servlets, JDBC, PL/SQL, HTML,Angular Js/4/6/7 WebLogic 12.1.3, Eclipse, CVS, JUnit, Log4J, Restful Web Services using Microservices architecture, Adobe Live cycle ES 4, IBM ILOG JRules, AWS,API.***

Merkle – Marlborough, MA Apr 2016 – Apr 2018

*Java / J2EE Developer*

* Participated in Agile Scrum meetings for requirement gatherings and product development.
* Involved in designing phase of the project once the requirements are freezed using UML diagrams.
* Developed lot of reusable components and utility classes in core Java, Created multiple abstract classes and interfaces to abstract the underlined details from end user
* Worked extensively on core java concepts like Multithreading, concurrency framework and java collections
* Implemented presentation layer using Spring MVC and angularjs/4.
* Implemented Spring MVC, Dependency Injection (DI), Aspect Oriented Programming and Spring Boot features along with spring data.
* Used spring framework to interact with service and DAO layers.
* Involved in development of data abstraction layer using Hibernate ORM framework with Spring support, and JDBC driven components.Used Maven to build all project modules.
* Used IBMODM rule engine to perform validations on the business objects.
* Worked on data migration from excel to database using apache POI libraries.
* Developed REST web services to upload a file through web service.
* Participated in frontend development using HTML, CSS, JavaScript, angularjs.
* Developed UI screens with Angularjs, Bootstrap to provide interactive screens to display dynamic data.
* Writing Ajax calls to populate data on the UI pages and load pages dynamically.
* Developed Single page applications using Angularjs.
* Developed unit test cases to test spring services using Junit and Mockito framework.
* Developed stored procedures, triggers and functions using Oracle and Derby database.
* Hands on experience in using Sql developer and Squirrel client.
* API documentation using UML &PlantUML.Implementing Microservices in Spring.
* Created Test cases Using Element locators and Selenium Web driver methods.
* Enhanced Test cases using Java programming features and TestNG Annotations.
* Deployed and tested the application using the apache tomcat server.
* Hand on experience in SVN version control. Implemented logging using Log4j.
* Involved in CI/CD configuration using Jenkins to set build for Demos and live environment and if required Schedule Jenkins Jobs.
* Responsible for performance testing, unit testing and integration testing using CI/CD tool Jenkins, handling change requests and code reviews.
* Environment:

***Java, Spring MVC, Hibernate, Oracle, Angular Js/4, Servlets, JDBC, PL/SQL, HTML, Apache Tomcat, Eclipse, CVS, JUnit, Log4J, HPQC ALM, IBM ILOG JRules, API, Microservices.***

Legg Mason - Stamford, CT Oct 2014 – Mar 2016

*Java / J2EE Developer*

* Implemented complex pricing algorithms like Timed and Incremental algorithms to apply the charges for the customers. Experience in working with API Gateways.
* Implementing Microservices to communicate with each other across applications.
* Implemented the history functionality for the Pricing and Coding data changes.
* Performed front end validations using JavaScript.
* Used Java Servlets, JSPs, AJAX, XML, HTML and CSS for developing the Web component of the application.
* Used Spring Restful API to implement Restful Web Services, sent JSON data type between front-end and the middle-tier controller.
* Triggered the automation jobs using Jenkins to get the cucumber JSON reports.
* Developed the application using Spring framework that leverages model view layer (MVC) architecture.
* Deployed J2EE applications as war files on Resin/WebSphere application servers.
* Worked on Hibernate3x for mapping the java objects to relational database and SQL queries to fetch the data, insert and update the data from the database.
* Used Hibernate in data access layer to access and update information in the database.
* Involved in development of data abstraction layer using Hibernate ORM framework with Spring support, and JDBC driven components.
* Optimized UML design using patterns like DAO, Factory, Service Locator and Business Delegate.
* Developed hibernate mapping files, to map database tables to java domain classes.
* Implemented and tested backup and recovery system for production environment.
* Eclipse IDE configured with Apache Tomcat was used in debugging and testing environment
* Created RESTful web services interface to Java-based runtime engine.
* Used JNDI for naming and directory services.Implemented Message Driven Bean Using JMS.
* Worked on unit testing and integration testing using JUnit.

***Environment: Core Java, Spring MVC, Hibernate, Oracle 10g, JAVA, J2EE, JSP, Servlets, JDBC, PL/SQL, HTML, Apache Tomcat, WebSphere, Eclipse, CVS, JUnit, Log4J, API, Microservices.***

Apollo Hospitals - India Jul 2012 – Aug 2014

*Java Developer*

* Responsibilities:
* Understanding the business requirements and create user stories as part of the Sprint, while following the Agile process of software development.
* Involved in designing phase of the project once the requirements freeze using UML diagrams.
* Implemented presentation layer using Spring MVC and JSP.
* Used Spring framework to interact with service and DAO layers.
* Used Maven to build all project modules.
* Developed the application using Spring framework that leverages model view layer (MVC) architecture.
* Used Jboss drools rule engine to perform validations on the business objects.
* Worked on data migration from excel to database using apache POI libraries.
* Developed REST webservices to upload a file through web service.
* Implemented the view layer using JSP, HTML, CSS, JavaScript, jQuery. Business layer using Spring (MVC) frame work.
* Writing Ajax calls to populate data on the UI pages and load pages dynamically.
* Developed unit test cases to test spring services using Junit and Mockito framework.
* Developed stored procedures, triggers and functions using Oracle database.
* Hands on experience in using Sql developer.
* Deployed and tested the application using the apache tomcat server.
* Hand on experience in SVN version control.
* Implemented logging using Log4j.
* Responsible for performance testing, unit testing and integration testing, handling change requests and code reviews.

***Environment:Java 1.6, JEE, Multithreading, Spring, Apache POI, REST, Eclipse, UML, HTML4, JSP, CSS, Java Script, jQuery, PHP, XML, Jboss, drools, Log4j, MySQL, JUNIT and Mockito.***

EDUCATION

**Bachelors in Computer Science**

 JNTU-Hyderabad-India.

**Master in Computer science**

University of Michigan-MI