VIJAYKUMAR RANGANATHAN

SUMMARY

* Over 12+ years of experience as software designer/developer.
* Working knowledge of wide range of skill sets, including but not limited to Iterative/Waterfall/Agile (Scrum, TDD) development methodologies, Java, Servlets, JSP, J2EE Applications using Struts and Spring Framework, Spring Boot, Hibernate, Service Oriented Applications - Web services and RESTful Services. JSF Prime faces Shell Scripting, Single Page Applications, SQL, PL/SQL using Oracle10g, and Cassandra.
* Strong command on modern JavaScript, ES5, ES6, NodeJs, ReactJs.
* Used React-Router to turn application into Single Page Application.
* Experienced in middleware and messaging technologies such as Apache Kafka,JMS for efficient communication and integration between distributed systems.
* Worked in project verticals like Banking, Insurance, and Health Care.
* Worked on design patterns like DAO, Transfer Object, Singleton, and Factory.
* Experience in using versioning tools such as SVN, BitBucket,GitHub, etc.
* Experience in working with Jenkins and Jules pipelines and enhancing the CI/CD process.
* Expert in UI development especially JavaScript.
* Excellent communication skills both written & and verbal, interpersonal skills, quick learner and a good team player

TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Web Technologies:** | Struts 1.1, Spring 3.2,Spring Boot, Microservices, Hibernate 3.0, JPA |
| **Language:** | Java and J2EE, Angular 2.x/6.x/13.x, React |
| **Scripting Language:** | JavaScript, CSS3 |
| **J2EE Technologies:** | Web Services, Spring framework and Design Patterns |
| **Deployment Servers:** | Tomcat 6.1, Jboss5.1 |
| **Databases:** | Oracle10g, TOAD |
| **Operating Systems:** | Windows, Unix, Linux |
| **Code Management Tools:** | CVS, VSS, Clear case, Subversion, GitHub, Jenkins |
| **Development Tools:** | Eclipse, My Eclipse, Maven, TOAD. |

PROFESSIONAL EXPERIENCE

Integrated Eligibility System, State of New York, Houston, TX July 2022 – May 2024

Role: Java Full Stack Developer

Description:

The data Bridging and Synchronization process is responsible for bridging data from the Legacy System to IES,

and from IES back to Legacy System. The synchronization follows the Message Queue or Batch mechanism for inbound and outbound data exchanges. This is a NextGen framework where we generate CCDs (cargo, collections, Dao).

Responsibilities

Developed various Java/J2EE components using Microservices, and Spring Boot.

Developed the front-end components using Angular,JavaScript, and jQuery, Angular.

Experience in Jira and Confluence for the document repository.

Involved in creating custom components and library components for displaying data using React.

Created various template and data-driven form components using React Forms and defined module-level routing for various components in the application using React router.

Hands-on experience on AWS platforms like S3, EBS, EC2, Lambda, and CloudWatch.

Used Splunk to monitor logs for debugging and created alerts to notify through email.

Worked on build and release pipelines in the Azure DevOps using Docker, Kubernetes and managed the Agile workflow.

Extensive knowledge of Kafka components, including brokers, topics, partitions, producers, consumers,

and consumer groups.

Environment: Java 1.8, Spring Boot 2.1.3 , Microservices, Eclipse, BitBucket, Splunk, Docker, Kubernetes, Kafka and Angular 13.

Cotiviti, Dallas, TX

Role: Java Full Stack Developer Jan 2022 – June 2022

**Description**

Long Term Care Audit System is the application used by the Sr. Auditors for uploading data files needed to properly process audits for each project within the LTC Audit Program.

These files include claim files, patient liability files, rate files, and other recipient eligibility files.

**Responsibilities**

Developed various Java/J2EE components using Microservices, and Spring Boot, Hibernate and JPA.

Developed the front-end components using Angular.

Experience with JavaScript, HTML, CSS, and jQuery.

Developed large-scale, distributed event-driven microservices leveraging AWS Lambda, EKS, Kafka,SQS and SNS, ensuring seamless data flow and processing.

Used Splunk to monitor logs for debugging and created alerts to notify the support through email.

Experience in TDD (Test Driven Development) using Mockito by writing the Junit Test cases.

Implemented Kafka streaming applications to process high-volume data streams in real-time, ensuring low latency and high throughput.

Developed Kafka consumers and producers to ingest, transform, and route data streams from various sources to downstream systems.

Implemented log aggregation and centralized logging for Kafka logs using ELK Kibana stack for troubleshooting and analysis.

**Environment: Java 1.8, Spring Boot 2.1.3, Microservices, BitBucket, Hibernate, SQL Server, PCF, Kafka, Angular6.**

Cardinal Health, Houston, TX Apr 2021 – Dec 2021

**Role: Java Full Stack Developer**

**Description**

Care-tracker (CT) is a solution that assists medical oncologists with matching the patient to the

appropriate treatment based on adherence to NCCN guidelines and value.

Used CT to monitor adherence to guidelines and track cost reconciled against original estimate.

**Responsibilities**

* Developed the UI components using Angular.
* Developed various J2EE components using Microservices, and Spring Boot.
* Followed the TDD for the test cases.
* Deployed the application in Concourse for the pipeline in CI/CD.

**Environment: Java 1.8, Spring Boot 2.1.3, Hibernate,Rest API, BitBucket, and GCP.**

Legal Data Central Nov 2018- Mar 2021

JP Morgan Chase, Houston, TX

Role: Sr Java BackEnd Developer

Responsibilities

* Developed the UI components using Angular.
* Developed various J2EE components using Microservices, Spring Boot, Spring Security.
* Followed the TDD for the test cases.

Environment: Java 1.8, Spring Boot 2.1.3, Microservices, Angular6 and GitHub, Node, GIT, PCF.

Novitasphere, BCBS Dec 17 – Nov 2018

GuideWell Source, Jacksonville, FL

Role: Sr Java BackEnd Developer

Responsibilities

* Developed various J2EE components using JSF, JSP, Microservices, Spring Boot.
* Developed the UI components using Angular.
* Provide formal estimates of efforts to satisfy requirements.

Environment: Java1.7, J2EE,Junit ,jQuery, WebSphere Application Server, SVN, PostGres, Node, Angular, HTML5, CSS3,GIT, SQL Server.

Board of Elections Montgomery County - Rockville, MD Mar 17 –Dec 17

Role: Mid level Java BackEnd Developer

Responsibilities

* Continuous integration using Jenkins on Jboss server – monitoring and troubleshooting.
* Worked on Sub Version for code integration and version control.
* Worked on the deployment.

Environment: Java1.7, JDK 1.5, J2EE, JSF, Primefaces, Junit and Jquery, Oracle 10g.

Administrative Office of US Courts, Washington, DC Feb 15 - Dec 16

Role: Mid-level Java BackEnd Developer

Description

A PACT is a case management system used by probation and pretrial services offices.

Used by 94 district courts, 9000+ probation officers.

Responsibilities

* Developed various J2EE components like Servlets, JSP, Restful web-services along with Restful API’s.
* Involved in Enhancement and bug fixing.
* Continuous integration using Jenkins on Jboss server – monitoring and troubleshooting.

Environment: Java1.7, JDK 1.5, J2EE, JSF Primefaces, Junit, JavaScript, Restful Web Services.

CMR Jul 13- Dec 14

PNC Financial Services - Brecksville, OH

Role: Java BackEnd Developer

Responsibilities

* Developed the web pages Java, JavaScript, HTML5, CSS and J2EE technology framework using Spring 2 (MVC, JDBC), Hibernate3.0, and Web Services with J2EE design patterns using Eclipse.
* Worked on Hibernate object/relational mapping according to database schema. Involved in creation of Test Cases for JUnit Testing.
* Wrote programs using TDD, utilizing frameworks, such as JUnit, and generating file based and database based mock data, to create cases that best covers possibly all business scenario.

Environment: Eclipse 3.x, JDK 6, Spring3.2, JSP1.2, JavaScript, JQuery, Hibernate3.0, JUNIT

Citicorp Credit Services Dec 10 - May 13

Citi Group - Chennai, India

Role: Java BackEnd Developer

Responsibilities

Involved in the SDLC along with requirement analysis and finding requirement gaps.

Environment: Jsp-JSTL, Servlet,IBM WebSphere, Struts1.1, Oracle PL/SQL

ETS Jan 09 - Nov10

Boeing - Chennai, India

Role: Information Technology Analyst

Responsibilities

Used Object Oriented Design and Object Oriented Programming concepts like Polymorphism, Inheritance, Interfaces, Generics and Collections etc.

Environment: JSP 2.0, Servlets, HTML, CSS, XML, XSLT, XSD, Oracle 11i,Eclipse, UNIX, Windows XP.

Commerce Bank Apr 08 - Dec08 Chennai, India

Role: Information Technology Analyst

Responsibilities

Involved in writing sql queries and complex stored procedures using Microsoft sql server management studio.

Environment: JavaScript, SS,XML,XSLT.

EDUCATION: Visvesvaraya Technological University - Bachelor of Engineering in Mechanical