Vikram

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Professional Summary:

- I'm a B-tech from **NIT** having 7.0 years of experience in Java Development in terms of Software development life cycle involving Requirement Gathering, Technical analysis, Design, Development(Coding and Unit testing), Deployment, Cloud Migration, Documentation in a web based environment, Distributed n-tier architecture and Client Server architecture.
- Experience in designing and developing applications using Java / J2EE technologies like Java 8, Spring Boot, Spring Cloud, Spring Data JPA, Spring Rest, Spring WebFlux, Spring JMS and Hibernate.
- Experience in developing applications based on architectures like Microservices using Spring Boot,Spring Cloud and Java 8.
- Experience in Migrating Legacy applications (Mainframes) to Containerized applications using Spring Boot and Docker.
- Working Experience in Web Services like SOAP, RESTFULL and XMF.
- Working Experience in Relational Databases, SQL and ORM Technologies(Open JPA, Hibernate).
- Working Experience in Java Messaging Service using TIBCO and ESB.
- Working Experience using Jenkins CI for Deployment phases.
- Working Experience with version control tool like SVN, GIT.
- Working Experience in Agile Methodologies and Atlasian Jira Scrum.
- Ability to solve complex technical challenges independently.
- Ability to learn and adapt quickly to the emerging new technologies.
- Capability of Handing Team and other Management activities.

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SKILL MATRIX

JAVA:	Java 1.8
Frameworks:	Spring, Spring Boot, Spring Data JPA , Spring Rest, Spring WebFlux and Spring HATEOAS.
Webservices:	RESTFULL, SOAP and XMF
ORM	Hibernate, Open JPA
Database:	DB2, Oracle, Mongodb , CosmosDb, Ibatis
IDE:	Eclipse, Spring Tool Suite
DB Client:	Toad, PL/SQL Developer, Robo 3T
Servers:	Tomcat 8.0, JBoss, TIBCO.
Code Repository:	SVN, Git
Build Tool:	Maven
Continuous Integration:	Jenkins CI
Logging	Log4j
Unit Testing	EasyMock, Junit, Mockit
API testing	Postman, SoapUI
Code Quality	SonarQube, Sonar Lint, ECL emma
Others	HTML5, CSS

Professional Experience:

- Working as Senior Software Engineer at Prokarma Softech pvt ltd, Hyderabad,INDIA from Feb 2017 to till date.
- Worked as Associate-project at Cognizant Technologies Solution pvt ltd, Chennai,INDIA from Jan2016 to Feb2017.
- Worked as Associate Systems Engineer at IBM, Pune, INDIA from Aug 2012 to Dec 2015.

Educational Qualifications:

- B-Tech in ECE from National Institute of Technology (NIT) Calicut.

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Job Engagement Overview:

Project #06:

Title	: Migrate Business Rules Management Systems from SOAP to REST
Client	: Union Pacific Rail Road,U.S.
Duration	: Jan 2019 to Mar 2019
Environment	: Java 1.8, Spring Boot 1.4, Spring Rest, Oracle , Tomcat 8.0, Spring STS

3.7.2, PLSQL, Maven 3.2, SVN, Jenkins , ICE, Log4j, EasyMock, Sonar Lint 4.5.1 and ECL

emma.

Role	: Senior Developer
Team Size	: 1

Description: BRMS is an Infrastructure project which is exposed as framework to the customers, it automates the process of validation.

BRMS engine is a Service provider and Event handler, it process requests and also refreshes validation rules in its cache memory whenever an event is emitted.

As the Customers requested for Http end points. BRMS engine migrated to Http from Soap.

Responsibilities:

- Created Design document for exposing service provider as HTTP end point required for Development.
- Migrated the Existing BRMS Engine using Spring Boot, Java 8.
- Created a Http End point across service provider.
- Developed Spring Boot configuration files.

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Project #05:

Title	: SOLR real time updates for Business Rules Management Systems DB
Client	: Union Pacific Rail Road,U.S.
Duration	: Sep 2018 to Dec 2018
Environment	: Java 1.8, Spring Boot 1.4, Spring WebFlux, Spring Data JPA, Oracle ,

MapStruct, Tomcat 8.0, Spring STS 3.7.2, PLSQL, Maven 3.2, SVN, Jenkins , ICE, Log4j,

EasyMock,   Sonar Lint 4.5.1 and ECL emma.

Role	: Senior Developer
Team Size	: 1

Description: BRMS automates the process of validation of a service. The rules provided by the customer are used for the validation.

As the number of rules are increasing, the faster search is required. So Solr job is created to populate the rules from DB to Solr.

This job triggers whenever a new rule is created, updated and also refresh the entire BRMS cluster every 24 hrs.

Responsibilities:

- Created Design document for Usecases required for Developmet.
- Translate application storyboards and use cases into functional applications
- Developed Business logic through Spring Boot Framework.
- Developed Webclient and used for communication with Solr Services.
- Developed Spring Boot configuration files

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Project #04:

Title	: Business Rules Management Systems
Client	: Union Pacific Rail Road,U.S.
Duration	: Feb 2017 to present
Environment	: Java 1.8, Angular 2, Spring Boot 1.4, Spring 4.2.3, Hibernate 5.0, Spring

Data Rest, DB2 , MapStruct, Tomcat 8.0, Spring STS 3.7.2, PLSQL, Maven 3.2, SVN, Jenkins ,

Docker, Kubernetes, CI, Log4j, EasyMock,   Sonar Lint 4.5.1 and ECL emma.

Role	: Senior Developer
Team Size	: 4

Description: BRMS is an Infrastructure project which is exposed as framework to the customers, it automates the process of decision making using Jess Rule engine

BRMS will build Templates and Rules specific to each Service. A Jess Rule Engine takes Facts as inputs and takes decisions based on the patterns provided in the rules and publish the valid facts to the customer.

Responsibilities:

- Migrate Legacy applications (Jhe, SOAP) to containerized Rest Services.
- Created Design document for Usecases required for Developmet.
- Translate application storyboards and use cases into functional applications
- Implemented Performance fix and bug fix for legacy code.
- Responsible for Code Build, Deployment and release to QA using Jenkins, Docker and Kubernetes.
- Implemented schedulers using Quartz Api for purging expired rules.
- Implemented Real time updates for BRMS Db using Solr.
- Ensure the best possible performance, quality, and responsiveness of the applications.
- Given KT on Project and Technology for new project members and guided them during development.

Project #03:

Title	: Order Managemant
Client	: JBHunt,U.S.
Duration	: Jan 2016 to Feb 2017
Environment	: JDK 1.8, Azure, Spring Boot 1.4, Spring 4.2.3, Hibernate 5.0, Spring

Data Rest, DB2 , CosmosDB, MapStruct, Tomcat 8.0, Spring STS 3.7.2, Toad 6.0, Maven 3.2,

SVN, Jenkins CI, Log4j, EasyMock,   Sonar Lint 4.5.1 and ECL emma.

Role	: Developer
Team Size	: 12

Description: Pace Client Admin project is an Administrative application which automates the process of creation and maintenance of the Rules and Rates used for generating the invoice to the drivers of Delivery Vehicle under an Legal Agreement/contract of an Account.

 A Rule Engine provides sample rules required for the Account based on eligibility requirement that Legal Agreement/contract should meet and stores as an XML for every Open Period.

      Pace will build Rules   from (XML cached)Lookup Rules to new   Legal Agreement/contract or copying of Rules from existing account or configuring existing rules based on the XML Data provided by the rule engine. Similarly Rates are built or copied or configured from existing Rules to new Rules based on the XML data provided under the Rules for an account.

     The entire PACE process takes more than Two days to complete, Instead of saving the partially created/edited data we save them in a stagging table as XML and retrieves it when the user recovers it and saves to the DB once the process is completed.

Responsibilities:

- Migrate Mainframe applications to containerized Rest Services.
- Gathered requirements, designed the Usecase Documents for development.
- Created Design document for Usecases required for Developmet.
- Responsible for Code Build, Deployment and release to QA using Jenkins, Docker and Azure.

- Developed YML files required for the project and deployed into the Config Server.

- Developed Spring Boot Configuration files.
- Given KT on Project and Technology for new project members and guided them during development.
- Responsible for Code Build, Deployment and release to QA using Jenkins.

Project #2:

Title   : Paypal Shipping Migration

Client   : Paypal, USA.

Duration   : Sep 2014 to Nov 2015

Role   :Developer

Environment   :Java, Spring, Hibernate, Jersey, Eclipse, Maven, SVN, Jenkins CI,Sonar Lint and ECL emma.

Description: The intended purpose of the Shipping Migration team is to migrate the association of business rules related to shipping label and maintenance of existing business rules. Copying the exiting business logic from hdold Corono to new helix, defining new business Rules applicable to new IDE (Helix).

Responsibilities:

- Involved in developing Business logic through Spring Framework.
- Developed the persistency logic and business transactions logic using hibernate.
- Developed the Server side validations.
- Developed the Entities and DTOs for the development.
- Developed JPA interfaces for the Entities.
- Developed Utility classes required for the project.
- Developed RestControllers for client and Repository Rest Controllers for server using Spring Rest.
- Developed RestTemplate and used for communication between Client and server.
- Involved in development of spring configuration files

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Project #1:

Title	: Explore profile Globalizations
Client	: American Express, USA
Duration	: April 2013 to June 2014
Environment	:Java, Spring, Hibernate, Eclipse.

Description   : The purpose of the XPG Global Release is to bring XPG system to parity or greater than NGP. The XPG Global will have ability to deploy a corporation globally and service the corporation across the regions. It will also help eliminate the org and sub org structure and will utilize rules management functionality to apply the custom fields and selected standard fields to the traveler's profile. XPG global will also synch traveler's profile to OBTs , TCUI interface which will be actively used by Travel Counselors to manage the traveler's profile. This functionality will be available only for new corporations that are deployed under global root. The global corporation under global root will have all the standard fields and relevant market standard fields in the traveler profile structure. A complete catalogue of standard fields is defined in the system and any changes to this can only be done through a development exercise. That said, there are selected standard fields that are available at the corporation level for which view level, modify level and uniqueness can be configured.

Responsibilities:

- Implemented "Type Ahead" for the searching using Spring data jpa projections.
- Developed database queries needed for this application using Querydsl.
- Involved in developing Business logic through Spring Framework.
- Developed the persistency logic and business transactions logic using hibernate.
- Interacted with the client team to understand the requirements.