**Ravali Bekkari**

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**Summary:**

* I have 8 +Years of experience specializing in Java/J2EE with extensive experience in the full life cycle of the software design process including collecting requirements, design, coding and testing.
* Proficiency in understanding high-level business solution architecture and delivering the detailed software design input. Capable of designing and setting up frameworks, and standards for the development team.
* Experience and understanding of DevOps, Continuous Integration and delivery, agile methodology.
* Experience documenting, designing, architecting, developing and deploying applications.
* Provide support for offshore team regarding development strategy and make sure it is being followed.
* Excellent track record of working directly with the customer to resolve issues in application.
* Experience in deployments with tools needed for deployments using AWS Dev ops, Jenkins, Bamboo.
* Performance monitoring of the application servers using Dynatrace, Introscope, New Relic, Grafana and Solar winds.
* Maintaining servers by managing their disk space, log levels, log rotation, backup process and swap memory, applying Java patch, Linux patches and security vulnerabilities to the application servers.
* Excellent written and verbal communication skills. Client interaction skills while working independently as well as in a team.
* Experienced in server-side view rendering Java content structures like React.JS and rendering pages on the server-side utilizing Redux and Flux to accomplish unidirectional plan stream.
* Experience in working with CRM systems (Sales force, Zyprr).
* Experience in documentation of User requirements and System Specifications.
* Expertise in J2EE Technologies like Java, JSP, EJB, Servlets, JDBC, AJAX, JavaScript, Web Logic, JMS, Kafka, Spring, Hibernate, portlets, Web Services (SOAP), SQL, PL/SQL.
* Experienced in Oracle, MySQL, and SQL Server, ReactJS, Sybase, Mongo Atlas, Couch and Informix databases
* Worked on XML Technologies like XML Parsers, JAXB for binding data to java objects.
* Involved in designing Java Server Page (JSP) using HTML, bootstrap, JavaScript, JQuery, and CSS
* Expertise with WebLogic, Web services, Liferay, Tomcat, JBoss.
* Experienced in programming under UNIX, Linux, and Windows and scripting languages like Perl, Shell script.
* Experience in load (performance) testing with JMeter, Neo load.
* Experience in GIT, CVS, VSS, Clear Case, MKS, harvest version control.

**WORK EXPERIENCE**

**Principal Financials, Iowa Jan’2021- Present**

**Senior Full Stack Developer**

**Responsibilities:**

* Involved in **SDLC Requirements gathering, Analysis, Design, Development and Testing of application developed using Agile methodology.**
* Used **Spring MVC** and **Dependency Injection** for handling presentation and business logic.
* Involved in creating the Hibernate POJO Objects and mapped using **Hibernate Annotations.**
* Implemented **Spring JPA Repository** for the persistence layer of the application (this layer communicates with the **application DB - Oracle DB**).
* Adopted agile methodology with **pair programming technique** and addressed issues during system testing.
* Use **Spring MVC** with Annotations in integrating different layers within the application.
* Data Operations were performed using **Spring ORM** wiring with **Hibernate.**
* Extensively used **JSON** to parse the data from server side to satisfy the business requirement.
* Implemented features like **logging, session validation** using **Spring AOP** module and **Spring IOC**.
* Extensively worked on developing **REST based Webservices** and consumed them as needed.
* Consumed **JSON RESTful Web Services** and sent responses with **Spring MVC.**
* Used Spring Security for Authentication and Authorization of the application.
* Good experience on working with Amazon Web Services like EC2, S3 , Amazon Simple DB , Amazon RDS , Amazon Elastic Load Balancing, ReactJS,Amazon SQS , AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Configured Kafka to handle real time data. Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Used combination of REST and Apache Kafka message brokers to produce and consume centralized spring Restful web services in JSON format.
* Experience in installation of ELK stack, setting up all the required attributes and monitored the infrastructure implementation.
* Setting up AWS Oracle RDS databases for new project, use data pump to migrate data to Relational Database Services (RDS).
* Used Maven build tool for creating JAR files and automate the process of building Docker Images and pushing them to Docker Private Registry.
* Worked on automated deployment tool using **Kubernetes** to deploy quickly and predictably.
* Also used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Worked on deploying the applications in AWS as EC2 instances and create snapshots for the EBS volumes.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Used Amazon Identity Access Management (IAM) service to create groups & permissions for users to work collaboratively.
* Followed Scrum/Agile methodology with daily meetings to keep track of the progress and issues pertaining to the projects.
* Used JUnit framework and Mockito framework for unit testing and integration testing.
* Created a Net, ReactJS, Java, and Oracle plan that outlines the scope of testing, the testing strategy, test scenarios, and test cases.
* Conducting Net, Java, and Oracle sessions with end-users, ensuring that they follow the test cases and provide feedback on the system's functionality, usability, and overall performance.
* Identified and documented defects or issues encountered during Net, Java, and Oracle, including steps to reproduce them and the impact on users
* Developed XML documents and generated XSL files for Payment TransacKon and Reserve TransacKon systems.
* Developed User Interface using HTML5, CSS3, JSP, JavaScript, Bootstrap, AngularJS, jQuery, XML
* Worked on XML Technologies like XML Parsers, JAXB for binding data to java objects.
* Involved in designing Java Server Page (JSP) using HTML, bootstrap, JavaScript, JQuery, and CSS
* Involved in design HTML5 and bootstrap language screens in. jsp files
* Involved in established database conneckons to the java code from .XML files
* Served as the main point of contact for borrowers, providing prompt and professional communication throughout the SQL Server and OIT process.
* Worked closely with internal and external stakeholders, including underwriters, appraisers, title companies, and other parties, to ensure smooth and efficient SQL Server and OIT processing

**Environment:** Spring, Spring MVC, Spring JPA Repository, Spring ORM, bootstrap,Spring AOP, Spring IOC, Spring Security, Hibernate, ReactJS, JIRA, Apache Kafka, ELK Stack, Docker, Kubernetes, AWS, postman, JSP, HTML, CSS, Java script, Junit.

**Vanguard, Malvern, PA**  **Oct 2017 – Oct 2020**

**Full Stack Developer**

**Responsibilities:**

* Involved in design and requirements gathering for the project for further improvements and enhancements as per business requirements.
* Designed and Built Storage Systems as needed by the customers for their applications.
* Followed **Agile methodology and SCRUM** meetings to track, optimize and develop sequence diagrams depicting method interactions.
* Developed an application using **J2EE, JAVA 8, Spring MVC, Hibernate, Web Services (SOAP & REST),** **ReactJS, Oracle and Maven** technologies.
* Implemented routing of Request to microservices using **Spring cloud gateway**. Added custom header size for the Http requests at the **API** gateway level.
* Used **Spring Cloud config** service to store the configurations outside of the applications and manages the folder for each profile so that same service would cater the needs of all profiles.
* Developed front end along with pages for user interaction for the entire website using **HTML5, CSS3, JavaScript, JSON, jQuery and Ajax.**
* Designed and developed the responsive web application using **Angular 2+** framework along with **HTML5, CSS3, Typescript, JavaScript, Bootstrap, Node.js, NPM and MongoDB**.
* Having experience in migrating from **Angular 6 to Angular** **8** version.
* Skilled in monitoring servers using **Splunk, Cloud watch using ELK Stack Elastic Search and Log stash**.
* Used the web application framework Express for designing web applications and APIs.
* Knowledge of **J2EE Design Patterns** such as **Creational, Structural and Behavioral design patterns Singleton, Factory, Facade, Builder, Observer and DAO.**
* Used **ReactJS** to create views to hook up models to the **DOM** and synchronize data with the server as a Responsive **Single Page Application** (SPA).
* Worked with unit testing of JavaScript applications using **Karma and Jasmine.**
* Worked on deploying services on **Docker and Kubernetes** containers.
* Performed testing using **Jasmine, Karma** and Protractor by following **Test Driven Development** (TTD) approach.
* Hands on experience with data persistence using **JPA** through **Hibernate** using Spring Boot Wrapper Spring Data JPA. Used Custom JPA Repository to generate **SQL using DSL**.
* Used **Redux** architecture for creating data layers for unidirectional data flow.
* Built a highly scalable, low-latency **Node-JS API** Gateway to interact with **MongoDB** databases with **JSON** using Express JS middleware.
* Involved in implementation of enterprise integration with Web Services using **SOAP**, and **REST** with Spring Controllers.
* Experienced in continuous integration to deploy using **Jenkins** and automate the tests.
* Integrated the **front-end UI** to the back end using **Spring MVC** framework.
* Configured and created application logs files using **Log4J.**
* Used **Git** for version control and **JIRA** for bug tracking, project management and **Maven** as build tools.
* Following **Test-driven development** (TDD) and **Behavior Driven Development** (BDD) to generate **JUnit** test cases for testing various Java components.
* Working Experience in Messing Platforms such as **RabbitMQ and Kafka** for high volume topics.
* Worked in Integration Systems Such as **Apache Camel and Spring Integration**.
* Collaborated with sales personnel to provide Net, Java, and Oracle options to potential customers, explaining financing terms and conditions, and preparing financing documents.
* Conducted SQL Server and OIT analysis and risk assessments to determine the profitability and viability of loan applications, evaluating financial statements, credit reports, and other relevant financial information.
* Good exposure working on requirements relating to SQL Server and OIT as a part of project implementation.
* Assisted development with clarification relating to SQL Server and OIT by connecting relevant stakeholders.
* Setup review session with QA testing team to understand concepts relating to SQL Server and OIT for smoother execution.
* Knowledgeable on how to address implementation issues and solutions relating to SQL Server and OIT as required by relevant stakeholders.

**Environment:** Java 11, Spring Boot. Spring Cloud, JPA, Microservices, Restful, Apache Kafka, AWS, Docker, Kubernetes, ReactJS ,Angular, Node.js and Maven.

**BlueSky Mls, Parsippany, NJ Feb 2015- Sep 2017**

**Full Stack Developer**

**Responsibilities:**

* Developed Front and backend **Servlets, Bootstrap, HTML5, CSS3, Angular JS, Ember JS and AJAX**.
* Responsible for designing and developing web services using **SOAP** web services and Rest based Microservices using **Spring Boot, Spring Data and Swagger** to interact with **API**.
* Involved in Microservices like Sagas, CQRS, Service Discovery and Circuit Breaker Pattern.
* Configured **JBOSS Server, Jenkins, UNIX** system batch jobs for the application.
* Worked in Test Driven Development using **Mockito Junit** framework.
* Involved in **SDLC** requirements gathering, analysis, design, development and testing of application, developed using **AGILE/Scrum** methodology.
* Experience developing solutions using Message Systems, including **RabbitMQ, Kafka**, etc.
* Experienced in a fast-paced Agile Development Environment including **Test-Driven Development** (TDD).
* Involved in writing application-level code to interact with APIs, Web Services using **AJAX, JSON and XML.**
* Develop / Coding the business rule implementations and functional requirements by using **Java/J2EE, Spring, Micro-service,** **ReactJS ,Restful API, Hibernate/JPA, Oracle, Autosys, ReactJS Maven, Docker, Kubernetes, Jenkins and IntelliJ.**
* The project uses the graphic database **Log4j**, backend is **Node.js**, and front end is **React.js**, **Redux** and **D3** to implement the visualization. It also uses **S3** buckets to store the forms which can only be accessed by authenticated login
* Created **AWS Multi-Factor Authentication** (MFA) for instance **RDP/SSH** login, worked with teams to lock down security groups.
* Created **GUI** interface of the web page Using **HTML5, CSS3, JavaScript, JQuery, Bootstrap and AngularJS**.
* Worked on configuration and administration of databases like **SQL and NoSQL** databases like **MongoDB and Cassandra.**
* Developed **Oracle PL/SQL** stored procedures and functions to process information used to generate reports.
* Knowledge of **J2EE** Design Patterns such as Creational, Structural and Behavioral design patterns **Singleton, Factory, Facade, Builder, Observer and DAO.**
* Experienced on several Docker components like **Docker Engine**, **swarm, creating Docker images and Docker Registry, Kubernetes** is configured for automating deployment, scaling and management of containerized applications.

**Environment:** Java8, Spring Boot, Bootstrap, Microservices, Apache Kafka, Angular, ReactJS JavaScript, JPA with hibernate, AWS, Docker, Kubernetes, Log4J, Maven, Node.js and Agile.

**Education:**

* Bachelors [University & Year of Completion]: Gurunanak engineering college
* Masters [University & Year of Completion]: Fairleigh Dickinson University