**Sridevi.K**

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**Sr. Full Stack Java Developer**

**PROFESSIONAL SUMMARY**

* More than 8 years of professional experience in Cross-Platform (Web & Client-Server) application development and design using **Object-Oriented Programming, Java/J2EE technologies**.
* Expert in various **Agile** methodologies like **Scrum, Test Driven Development (TDD), Incremental and Iteration methodology, Pair Programming, Agile Development Testing using Software Development Life Cycle.**
* Strong experience in UI frameworks using **JavaScript, React JS, Angular 2+ and Angular JS.**
* Excellent knowledge in rebuilding the applications from **C/C++** into **Java** microservices
* Extensive experience in building applications using various frameworks like **Spring, Hibernate, EJB, JPA.**
* Expertise in **Spring modules -** **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul**.
* Strong experience in **Securing API's** using **OAuth2.0** token-based authentication/authorization scheme using **Spring Security**.
* Strong experience on **Microservice patterns - Hystrix, Aggregator, Proxy chaining.**
* Experience in JMS over messaging to exchange the information in more reliable and asynchronous way in enterprise applications and used **Apache Kafka, Active MQ, Rabbit MQ, AMQP as JMS provider.**
* Expertise in handling messaging services using **Apache Kafka**.
* Tested Restful web services using **Postman, SOAP UI**.
* Experience on **Spring JDBC Templates, JMS Templates, Spring EAI, Spring Rest Templates.**
* Strong experience in implementing **SOA** and **Web Services** using **SOAP, RESTFUL, JAX-WS, and AXIS.**
* Expertise in using **Amazon Web Services AWS**. Extensive experience in focusing on services like **EC2, VPC, Cloud Watch, Cloud Front, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.**
* Experience with **Docker containers, AMI's to create Docker images/ containers and Kubernetes container orchestration system.**
* Strong Experience with build tools like **CI/CD, ANT, Maven, and logging tools like Log4J.**
* Hands-on experience using the version control tools like **CVS, SVN** and **GIT** and project management tools like **JIRA, QC.**
* Strong Experience in **Maven for build, Jenkins and SonarQube continuous integration.**
* Experienced in writing unit test cases using **Junit, Testing, Mockito** for challenging environments.
* Well experienced in test driven development, particularly using **JUnit framework.**
* Worked effectively on various testing frameworks for front end/user interface like **Karma, Jasmine, Jest, Mocha, Chai** etc.
* Good Experience in Automation testing using **Rest Assured framework and Selenium Web Driver.**
* Strong knowledge of **AWS, Spring Boot, Spring Cloud, Docker, Maven** in developing applications which use cloud-based services.
* Experience in developing **Maven & ANT scripts** in to build and deploy **J2EE Applications**.
* Extensive experience in using Web/Application Servers like **IBM WebSphere 7.0, Apache Tomcat and JBoss, BEA WebLogic.**
* Implemented various **Design Patterns (Session Façade, Value Object, DAO, DTO, Command, Singleton, Factory, Adapter, MVC, Service Locator)** using J2EE technologies.
* Good experience in database modelling, design and development of PL/SQL stored procedures, packages in relational databases: **Oracle 10g/11g, IBM DB2, MySQL, and SQL Server.**
* Strong Knowledge on **NOSQL database MongoDB, Cassandra** as part of Open-Source participation.
* Knowledge of using Routed Protocols like **FTP, SFTP, SSH, HTTP, HTTPS** and Direct connect.
* Experienced with browser testing, knowledge of **cross-browser/cross-platform** compatibility.
* Experience in JMS over messaging to exchange the information in more reliable and asynchronous way in enterprise Applications. Used **Apache Active MQ, Rabbit MQ, and AMQP** as JMS provider.
* Proficient in Quality Control - includes ensuring defect-free releases, maintaining correct entries in **Design Docs, UI specs, Test Cases, Traceability Matrix.**

**TECHNICAL SKILLS SET**

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| **Languages** | C, C++, Java (1.6, 1.7, 1.8), SQL, PL/SQL, Shell Scripting Enterprise Java Servlet, JSP, JDBC, JSTL, Data structures. |
| **Mark-up/XML /UI Technologies** | HTML, HTML5, XSLT, JavaScript, Dojo, CSS, CSS3, XML, XSD, AJAX, jQuery, JSON, Angular 2, Angular 4, Node.js, React JS. |
| **Tools & Framework** | Struts, Spring Core (IOC), Hibernate, JPA, Spring MVC, Spring AOP, Spring Data (Spring JDBC, Spring JPA), Spring Boot, Spring Web Flux, Spring Batch, Spring Security and Spring Cloud. |
| **Services** | Web services Microservices, SOA Architecture, SOAP, RESTful, JAX-RS JAX-WS, and Jersey |
| **Middleware Technologies** | JMS, RabbitMQ, Kafka, Spring AMQP, Spring Integration |
| **Cloud Platforms** | AWS (EC2, EBS, RDS, Lambda). |
| **Web/App Servers/Containers** | WebSphere, Apache, Tomcat, JBoss EAP, WebLogic and Docker. |
| **Databases** | IBM DB2, Oracle, PostgreSQL, Apace Cassandra, NoSQL MongoDB |
| **Development Tools** | Eclipse, Spring Tool Suite (STS), IntelliJ. |
| **Testing Tools/ Frameworks** | SoapUI, Rest Client, JUnit, Mockito, Jasmine, Karma, Selenium, Cucumber. |
| **Version Control Tools** | GitLab, GitHub, Bitbucket. |
| **Build-Automation Tool (CI)/Issue Tracking Tools Maven** | Gradle, Apache ANT, Jenkins, JIRA. |
| **Design Patterns** | MVC, Factory, Front Controller, Singleton, Observer and DAO patterns. |

**PROFESSIONAL EXPERIENCE**

**Client: Homesite insurance, Boston, MA**

**Role: Sr. Full Stack Java Developer June 2019 to Present**

**Responsibilities:**

* Migrated existing Monolithic architecture to full-fledged Microservices architecture using **Spring Boot & Spring Cloud** in multiple stages.
* Implemented **cloud native applications** using **Spring Cloud** to take the advantages of cloud ecosystem.
* Designed GUI using **JavaScript, Bootstrap, HTML5, DOM, XHTML, AJAX, CSS3 and jQuery.**
* Developed powerful Single Page Application and dynamic responsive Web Application with **Angular 7.**
* Designed Angular 7 Template basics, Template directives, Routing and navigation, Components, Services and Data Binding.
* Implemented Core Java concepts like **Multithreading, Collections, I/O Generics, and Exception Handling** for complex business requirements.
* Implemented Java 8 features such as **lambda expressions, filters, and Parallel operations** on collections for effective sorting mechanisms.
* Processed and stored data using Java 8 features like **Streams & Lambda expressions** and **design Singleton, Data Access Objects, Factory** and **MVC design patterns.**
* Implemented and enhanced java based multithreading ETL tool for distributed loading XML data into Oracle database using **JPA/Hibernate.**
* Developed microservices application using **Spring Boot** and test the application with Spring Boot.
* Used **Spring MVC** for developing **Restful APIs (web services)**, **Spring Boot** for **microservices** & **Spring Core annotations** for **Spring Dependency Injection.**
* Implemented **POJO's & DAO's** for the database entities using **Spring JDBC** annotation mappings.
* Implemented the authentication and authorization of the application using **Spring Security and OAuth2.**
* Worked on **Swagger API and auto-generated documentation** for all REST calls.
* Implemented persistence layer using **Spring JDBC template** to store the data in Oracle database.
* Involved in maintaining and updating the procedure for **ETL** process.
* Used Oracle as database and Involved in the development of **PL/SQL** backend implementation and **using SQL** created **CRUD, Views, Joins, Indexes, and Procedures statements.**
* Involved in implementing Queries to the backend **MongoDB** database using **Http service** to **fetch JSON contract.**
* Unstructured data was handled using **Mongo DB** and used **Mongoose Connector** for connecting to database.
* Composed and executed **MongoDB scripts** and queries to fetch and test data from **NoSQL** databases.
* Experienced in writing real-time processing and core jobs using **Spark Streaming** with **Kafka** as a data pipe-line system.
* Implemented **Spring boot** microservices to process the messages into the **Kafka** cluster setup.
* Developed **Mockito** and **JUnit** test cases to improve code coverage.
* Developed and performed test cases using **Jasmine** and **Karma** for front end unit testing and used the **Cucumber, Protractor** and **Http-server** for the end to end testing.
* Created **JSON** request and validated the response using **postman Interceptor** and **Swagger UI.**
* Setup CI/CD pipeline process for the application using the **Jenkins.**
* Changing the AWS infrastructure Elastic Beanstalk to Docker with **Kubernetes.**
* Moving existing monolithic architecture to microservices and migrating them to **AWS cloud**.
* Used AWS Services platform to upload data into **AWSS3** buckets and creating **EC2** instances.
* **Apache Maven** tool has been used for the build and deployment of the application.
* Monitored the Error logs using **Log4j** and fixed the problems.

**Environment**: Java 8.0, Spring 4, Hibernate 4.2, Spring batch, Spring Boot, Spring Security, JPA, JMS, HTML5, CSS3, Angular 7, Cryptography, Eclipse, Oracle 10g, Swagger UI, AWS, Docker, Log4j, JIRA, Pure XML, Web Services, Kafka, Microservices, REST UI, Apache Spark.

**Client: Early Warnings, Scottsdale, AZ**

**Role: Sr. Java Full Stack Developer January 2018 to May 2019**

**Responsibilities:**

* Understand and adopt Microservices architecture to gradually replace a **core monolithic application** to **Microservices.**
* Actively participated in the **Analysis, Design, Development and Testing phases** of various modules**.**
* Expertise in **spring based microservices** and **enabled discovery** using **Eureka Server**.
* Designed and developed **RESTful Web Services** using **Spring Boot.**
* Developed server-side application to interact with database using **Spring Boot** and **Hibernate**.
* Developed RESTful Services with Java using **JAX-RS, Jersey** and **Spring Boot.**
* Coding for consuming the **REST APIs**, getting **JSON** response and parsing them to get the required formats.
* Developed user interface by using the **React JS, Flux** for **SPA development**.
* Implemented **React JS** code to handle cross browser compatibility issues in **Mozella, IE Windows-7, 8, 9, Safari and Fire Fox.**
* Used **React-Router** to turn application into Single Page Application.
* Implemented stable **React components** and stand-alone functions to be added to any future pages.
* Worked in using **React JS components, Forms, Events, Keys, Router, Animations** and **Flux** concept.
* Developed modules using **Core Java APIs, Collections, Java 1.8 (Streams), Jordan API (Dates), Multi-threading, Exception Handling, Generics, Enums, Java I/O and object-oriented designs patterns.**
* Used **Hibernate** and **Mark Logic**, writing service methods and SQL queries to interact with the **MySQL DBMS**.
* Managed **Eureka Client, Eureka Server, Eureka Instance, Eureka Service** through Spring Boot.
* Expertise in implementing Microservices Architecture using **Boot Application, Eureka Discovery Service, Eureka Client, REST, SOAP, JPA, Hibernate.**
* Deploy the application on **Amazon Web services (AWS).**
* Use **Amazon Cloud Watch** to monitor AWS services & **Amazon Cloud Watch logs** to monitor the application.
* Installed application on **AWS EC2** instances and configured the storage on S3 buckets.
* Co-ordinated with QA lead for **development of Test plan, Test management and defect management.**
* Hands-on experience in using message brokers such as **ActiveMQ** and **RabbitMQ.**
* Integrating various Version control tools, build tools and deployment methodologies into **Jenkins** to create an end to end orchestration build cycles.
* Used Jenkins to execute the **Maven project** as well to build the version system tool.
* Maintained and managed **cloud** & test environments and automation for QA, Product Management and Product Support.
* Developed **JUnit** test cases for Persistence layer and Business layer to perform the unit level testing.
* Configured **Log4j** for adding the debugging information in the code base.
* Used **SVN** for version control.
* Involved in Agile standup meetings throughout the project with team members on daily basis for the update on project status using **JIRA and HP ALM**.

**Environment**: Java 8.0, Spring 4, Hibernate 4.2, Spring Batch, Spring Boot, JPA, JavaScript, React JS, HTML5, CSS3, Eclipse, Drools, JBPM, MySQL, ILOG, log4j, Junit, AWS, TestNG, TypeScript, Selenium, Easy Mock, RabbitMQ, XML, Web Services, SOAP UI.

**Client: Sam’s club, Bentonville, AR**

**Role: Full Stack Java Developer March 2016 to December 2017**

**Responsibilities:**

* Involved in **Requirements gathering, Analysis, Design, Development** and **Testing of application** using **AGILE methodology (SCRUM)** in a **test-driven development (TDD)** approach.
* Developed and designed the web interface using **HTML5, CSS3, JavaScript, jQuery, Angular 2** and **Bootstrap**.
* Involved in converting the application from **C/C++** into **Java microservices.**
* Built Components using Angular 2 and worked on **Angular directives**. Implemented **lazy loading** and **Dynamic loading** in the **Angular routers**. Worked on **Typescript** for building the code.
* Developed prototype and project layout skeletons using **Angular 2, jQuery, HTML5** and **CSS3**.
* Used various jQuery and Bootstrap plug-in like **date picker, Bootstrap selectors.**
* Implemented **Microservices** into existing system architecture. Developed **Microservices business components** and **RESTful service endpoints** using **Spring Boot.**
* Developed multiple enterprise applications using **Spring Boot, Hibernate framework, Spring IOC, Spring MVC, Spring JDBC, Spring Annotations, Spring AOP, Spring Integration, frameworks, RESTful webservices.**
* Implemented authentication and authorization for the application using **Spring Security and Oauth2.**
* Worked on **Java 8** Lambda expressions and Pipelines, Streams.
* Worked on some of the new features of Angular 2 like new **if else syntax**, **ng-templates**, and **form validators**.
* Used **Python** and **Django** to interface with the jQuery UI and manage the storage and deletion of content.
* Worked on several **Python** packages.
* Implemented **Spring IOC** for Dependency Injection and to make the code loosely coupled and **Spring AOP** for logging purposes.
* Implemented **SOAP** based **JAX-WS** Web services interfaces for integrating multiple systems, code re-usability and consumed JMeter to test performance of SOAP protocol.
* Implemented RESTful web services which produces both **XML** and **JSON** files to perform tasks, **RESTful web service** using **Jersey** for JAX-RS implementation, which leveraged both web & mobile applications.
* Worked on creating, retrieving, updating and deleting documents in **MongoDB**.
* Configured JMS server setup, DB connection setup & deployed Returned items in **Web Sphere Server.**
* Setup the **Continuous Integration** (CI) & **Continuous Development** (CD) for the application using **Jenkins.**
* Worked on Jenkins for continuous integration with **Gradle and GitHub.**
* Used **Log4**j for validate functionalities and **JUnit** for unit testing.
* Implemented configured **JIRA** issue tracking software with **Agile** plug-in across all the company functions.
* Used **IntelliJ IDEA** **IDE** tool for application development.

**Environment**: Java 1.8, J2EE, HTML5, CSS3, JavaScript, jQuery, Angular 2, TypeScript, Bootstrap, Spring Boot, Spring IOC, Spring MVC, Log4j, SOAP, RESTful, Microservices Architecture, XML, AWS, Mongo DB, CI/CD, Maven, IntelliJ IDE, JUnit, JMS, UNIX, Jenkins, JIRA, Log4j, Git.

**Client: Four Soft Private Limited Hyd, India**

**Role: Java Developer April 2014 to December 2015**

**Responsibilities:**

* Involved in the development of the application using **J2EE.**
* Implemented user and Client-Side validation using **Java Script**.
* Developed **UI pages** integrated with business layer.
* Used **Singleton** and **DAO** design patterns for implementing enterprise modules.
* Used **Eclipse** for the development of source code.
* Used **Oracle** as database and Involved in the code development for retrieving the data from interfacing auto parts system using **SQL** statements.
* Used **JDBC** for the connection with databases.
* Integrated **Maven** with **SVN** to manage and deploy project related tags.
* Involved in all phases of **SDLC** for the project.
* Performed **Use case design** and **object modelling**.
* Involved in daily **scrum meetings**, worked on the **sprint tasks** in the **Agile Scrum development**.

**Environment**: Core Java, JDBC, Struts, MVC, Maven, SVN, Java Script, Singleton, DAO, Eclipse, Oracle, SQL, and Agile.

**Client: Dhruvsoft Services Private Limited, Hyd, India**

**Role: Java Developer May 2012 to March 2014**

**Responsibilities:**

* Developed the application as per the **functional requirements** from the analysts.
* Developed the client-side validation using **JavaScript.**
* Developed web screens in **Html and JSP.**
* Design and Development of **User Interface** using **Struts tag libraries.**
* Responsible for client-side validations and server-side validations in **JSP**.
* Design and Development of server-side modules using **J2EE, spring, Struts, EJB and Utility classes.**
* Used Web Services to extract and communicate the records using **XML and REST.**
* Installed and configured **WebLogic** in Development and Testing environment.
* Developed the transaction-oriented logic in the Data Access Layer.
* Designed, developed, debugged, and tested the web based **J2EE** application.
* Used **Log4J** utility to log error info and debug messages.
* Configured and deployed the **J2EE** application on **WebLogic Application Server**.
* Used the Transaction to persist the data in the **Oracle.**
* Used **Apache struts** to develop the web-based components.
* Front end validations are written using **JavaScript.**
* Performed Unit Testing using **JUnit.**
* Provided a User Manual and User Training on the new system to ease them into the new system.

**Environment**: Java 1.5, J2EE, JSP, Servlets, Hibernate, Spring, Struts, PL/SQL, WebLogic Application Server, REST and SOAP Web services, UML, SVN, Log4J, Oracle, Unix.

**EDUCATION:**

Bachelor’s in Computer Science and Engineering from JNTUH, India - 2012