**Rushikeshava Reddy**

**Full Stack Java Developer**

**Email: rushikeshavareddy23@gmail.com**

**PROFESSIONAL SUMMARY:**

* **8+** years of strong software experience in the design, development, and deployment of web-based and Client-Server business applications using OOP, Java/J2EE technologies.
* Experience in **Core Java, J2EE, JSP, Servlets, JDBC, Spring Framework,** **Spring Boot, Maven, Hibernate, Restful Web Services, and SOAP.**
* Expert in Various Agile methodologies like SCRUM, Test Driven Development (TTD), Incremental and Iteration methodology, Agile Development& Testing using Software Development Life Cycle.
* Extensive experience in designing professional UI web applications using front-end technologies like **Angular 4/6/7/8, Node.js, Angular JS, HTML5, CSS3, JavaScript, jQuery AJAX, JSON,** and Bootstrap.
* Strong hands-on experience with various modules of Spring Framework such as **Spring MVC, IOC, AOP, JDBC, IO, Spring Rest, Spring Boot 1.X/2.x, Spring Microservices, Spring REST, Spring Security, Spring JPA, Spring Web, Spring Web Flux.**
* Proficient in applying design patterns like **MVC, Singleton, Session Facade, Service Locator, Visitor, Observer, Decorator, Front Controller, and Data Access Object.**
* Experience in Service Oriented Architecture (SOA), Web Services Integrations, BPM, BPEL, and ESB using WebSphere Process Server, ESB, Web Sphere Integration Developer, Data Power, and WSRR.
* Proficient in frameworks like **Struts, Spring, JSF, AJAX frameworks,** and **ORM** frameworks like **Hibernate**.
* Expertise in working with various Amazon Web Services (AWS) like Elastic Container Service (ECS) & Elastic Compute Cloud (EC2), Simple Storage Service (S3), Lambda implementation, AWS CLI.
* Experience in working with Javascript libraries like **Angular JS, JQuery, Node JS, Lodash Js, underscore JS, BackboneJS, and ExtJS.**
* Experienced in **SOA** architecture in buildingboth **SOAP and Restful** web services (Both producing & consuming of SOA services)**.**
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using Hibernate Query Language (**HQL**), HSQL Named Queries, Criteria, Projections.
* Responsible for support and maintenance, implemented **Spring Batch** for huge number of transactions.
* Expertise in **Azure** **Scalability** and **Azure** **Availability** - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution to manage network traffic.
* Expertise in **XML** technologies such as **XSL**, **XSLT**, **XML schemas**, **XPath, XForms, XSL-FO** and parsers like **SAX, DOM.**
* Strong experience with NoSQL database **MongoDB** development and migrations from **SQL** relational databases to **MongoDB, Cassandra** and **CouchDB**.
* Experience in using **Active MQ, Rabbit MQ** to implement messaging and queuing system.
* Experience in database modeling, design and development of PL/SQL queries, Stored Procedures, Triggers, Cursors, Functions and Packages in relational databases: Oracle 11g, SQL Server 2005/2008, DB2 and MySQL.
* Experience in working with web servers like **Tomcat 8, IBM WebSphere8.0, Jetty, JBoss 7.1.0** and **WebLogic 10.0**, **Nginx**.
* Experience in cloud platform technologies such as **AWS Web Services**, **Heroku**, **OpenShift, Cloud Foundry**
* Hands on experience with build tools like **Ant, Maven, Gradle** and Logging tools like **Log4J** and **Splunk**.
* Experience in testing with **JUnit** Framework using **Mockito** and **Easy Mock, Spring Junit Runner, JMeter**.
* Expertise in several testing environments like **JUnit, Selenium, CURL, Jenkins, SoapUI** and **System Testing**.
* Mastering/Leading in the development of applications/tools using **Python.**
* Good knowledge on configuration management and build tools like **Bit** **Bucket**, **CVS** and **GIT**.
* Highly proficient with **Vue.js** framework and its core principles such as components, reactivity, and the virtual DOM.
* Hands-on experience on **CICD** pipelines with DEV ops technologies like **Jenkins, Sonar, Cloud Foundry,** and **Docker**.
* Involved in building and deploying Apache **Ant/ Maven/Gradle** scripts for deployment and customizing WAR/ JAR file management for web applications.
* Hands-onon experience using **Selenium** and **Cucumber** for creating Automated Test Suites and deriving functional and acceptance tests.
* Expertise with the employment of **Spring Kafka** and **Zookeeper** apart from **JMS** as messaging service.

**TECHNICAL SKILLS:**

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| **Languages/Utilities** | Java, PL/SQL, XML and UML. |
| **JAVA Technologies** | Core Java, Multithreading, JDBC, JNDI, Java beans, J2EE, Junit, Maven,  Mockito, Ant, Log4j. |
| **Frame Works** | Spring 4.x, Spring Boot, Spring Batch Struts 2.0/1.x, JSF and Hibernate,  Spring Data JPA, RX Java. |
| **Design Patterns** | JSTL, Singleton, MVC, Business Delegate, DAO, DTO, Session Façade. |
| **Web Services** | SOAP & REST. |
| **Web Technologies** | Applets, JSP, HTML5/4, CSS3, JavaScript, JSON, AJAX and jQuery, Angular 8, React JS |
| **Databases** | MYSQL, Oracle, SQL server, MongoDB. |
| **Middleware** | Servlets, Java Beans, RMI, EJB, JMS. |
| **IDEs and Tools** | Eclipse, IntelliJ IDEA, Maven, Gradle, UML, Log4j. |
| **Version Control Tools** | Subversion, GitHub. |
| **Web/Application Servers** | Apache Tomcat, IBM WebSphere, JBoss. |
| **Methodologies** | Waterfall, Agile. |
| **Operating Systems** | Windows 7/8/XP, Linux, UNIX. |
| **Cloud Technologies** | AWS Cloud Components S3, EC2, Lambda, Elastic Bean Stalk, ECS, RDS. |

**PROFESSIONAL EXPERIENCE:**

**Client: Baker Hughes, Houston, TX Jan 2019 - Present**

**Designation: Senior Full Stack Java Developer**

**Roles &** **Responsibilities:**

* Involved in various phases of the **Software Development Life Cycle (SDLC)** of the application like requirement gathering, Design, Analysis, and Code development.
* Worked in **Agile framework** as an individual contributor Responsibilities include - Interaction with the Business team in story grooming, and reviewing story/acceptance criteria.
* Used **Java8** features like Streams and Lambda expressions and Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods, and Concurrency API.
* Used Java 8 Method References feature to point to methods by their names.
* Used **Microservice** architecture with **Spring Boot-based** services interacting through a combination of REST and **Apache Kafka** message brokers and worked with Kafka Cluster using Zookeeper.
* Closely worked with the **Kafka Admin** team to set up **Kafka cluster** setup on the QA and Production environments.
* Converted a **Monolithic app** to **Microservices Architecture** using **Spring Boot 2.0** using a 12-factor app methodology. Deployed, Scaled, Configured, and wrote manifest files for various Microservices in Open shift/Kubernetes environment.
* Generated Metrics with method-level granularity and Persistence using Spring AOP and Spring Actuator.
* Used **REST** and **SOAP Web Services** to acquire credit history information.
* Involved in consuming RESTful web services using **Angular JS** to render **JSON** data.
* Wrapper developed in **Python** for instantiating multi-threaded applications and running with other applications.
* Developed batch processing applications using spring batch deployed on AWS.
* Worked on **AWS** Elastic Load Balancing, created EC2 instances, and worked on autoscaling the instances.
* Used **CFT templates** for creating **AWS stack, S3 buckets**, Roles, and Policies.
* Worked on CHEF scripts for automation and bootstrapping of applications on **EC2 instances**.
* Rewrite existing applications and migrated applications and the to the **AWS cloud** as part of the modernization project.
* Designed and documented **CI/CD** tools configuration management.
* Experience with various MVC Java frameworks like Angular 8, Node.JS, Bootstrap, etc. Responsible for developing the partner Homepages using HTML5, CSS3, JavaScript, React JS, Node JS, and jQuery.
* Developed crypto rest services using **NodeJS** and integrated services.
* Developed web applications running on NodeJS using the Express framework**, Vue.js**, and Backbone.js with Mustache.js for front-end MVC/templating.
* Developed dynamic responsive Web Application by integrating Angular with Bootstrap which is further integrated with Web Services and **Vue.js**.
* Developed user interface by using **React JS, and Flux** for SPA development.
* Worked in using **React JS** components, Forms, Events, Keys, Router, Animations, and Flux concepts.
* Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously and send **JMS** messages to Apache ActiveMQ on the edge device.
* Used **GIT** as a source code collaborator and GitHub for maintaining code and documentation.
* Migrated the Application from **Spring MVC to Spring Boot**.
* Experience in developing scalable solutions using **NoSQL databases CASSANDRA, MongoDB, and DynamoDB.**
* Used **NOSQL** database Mongo DB to store data of reporting Applications which is of unstructured data.
* Involved in capacity planning and requirements gathering for multi-data center **Cassandra** cluster
* Used **MongoDB** document-oriented database to store data.
* Implement a production-ready, load-balanced, available, and fault-tolerant **Kubernetes** infrastructure.
* Worked with containerization tools, can implement the transition to Docker and develop distributed cloud system using Kubernetes and Helm package manager for **Kubernetes**.
* Migrate Data from **Elasticsearch**-1.4.3 Cluster to **Elasticsearch**-5.6.4 using Logstash, Kafka for all environments.
* **Elasticsearch** and Logstash performance and configuration tuning.
* Developed and deployed **UI layer** using **JSP, XML, JavaScript**, **HTML5**,Ajax, jQuery, **React JS** and CSS3.
* Used **Spring Framework** for **DI/IOC** and **ORM** components to support the **Hibernate** tool.
* Used **Spring DAO** for developing the data access layer.
* Integrated **Hibernate 4.1** along with **Spring Data Redis** and used annotations for mapping ORM classes to **DB.**
* Developed Hibernate mapping file and the HQL queries for retrieving data from the Oracle database.
* Involved in Configuring **web.xml** and **Spring-config.xml** according to the **Spring** framework.
* Developed application based on the **MVC Architecture** using **Spring MVC to** define Dispatcher Servlet, Controller, model and View Resolver.
* Used **Core Java** classes to implement business logic.
* Responsible for installation, configuration, and administration of **Red Hat Linux, and Solaris** systems.
* Experience with **Jumpstart & Kickstart** Installations on **Solaris & Linux**
* Responsible for configuring, integrating, and maintaining all Development, QA, Staging, and Production **PostgreSQL** databases within the organization.
* Used **Maven** to build war and ear files to deploy on JBoss Application Server 7.
* Monitored and fixed the error logs using **Log4J**, and configured log4j.xml.
* Followed Test Driven Development **(TDD)** and wrote server-side test cases using **JUnit 4.12.**
* Implemented agile development process on Software Development Life Cycle.
* Participated in Docker and AWS workshops to gain experience with emerging technologies.
* Actively participated in the daily **SCRUM** meetings to produce quality deliverables within time.

**Environment:** Java 1.8,11, Design Patterns, Servlet, JSP, Spring MVC 3.2, Spring Boot, hibernate 4.1, Web services – SOAP & Restful, WSDL, Oracle 11g, Maven, JBoss 7, EJB 3.0, JMS, XML, SVN, Log4J, Eclipse 4.0, HTML5, Java script, AJAX, jQuery, React JS, JUnit 4.12, Agile Methodology, SCRUM.

**Client: COX Media Group (CMG), Atlanta, GA June 2017 – Dec 2018**

**Designation: Full Stack Java Developer**

**Description:** Cox Media Group operates or provides sales, marketing & advertising services via electronic media such as TV, radio stations, and newspapers, I worked as Java Full Stack developer on the CMG portal it’s an internal client-facing portal for CMG businesspeople who will interact with investors.

**Roles &Responsibilities:**

* Involved in analyzing a request**, design, development**, unit testing and **implementation.**
* Participated in requirement gathering and designed application using UML. Elaborated on the Use Cases based on business requirements and was responsible for creation of **Class Diagrams, Sequence, Collaboration and Activity Diagrams.**
* Responsibilities included development of new modules of the application such as Web using **J2EE technologies and Spring Framework.**
* Implemented service layer using **Spring IOC** and annotations and Controllers using Spring MVC.
* Implemented **DAOs**, entities using Hibernate API and Hibernate QL.
* All the functionality is implemented using Spring IO / Spring Boot and Hibernate ORM. Implemented Java EE components using Spring MVC, Spring IOC, spring transactions and **spring security** modules.
* Developed **Hibernate mapping file** and the **HQL querie**s and **Criteria API** for retrieving data from databases.
* Created automated pipelines in AWS pipeline **to** deploy **Docker**containers in AWS **ECS**using services like **CloudFormation**, **CodeBuild**, **CodeDeploy**, **S3**and **puppet.**
* Built S3 buckets and managed policies for **S3** buckets and used S3 bucket and Glacier for **storage** and **backup** on AWS .
* Configured  **AWS  Multi Factor Authentication**in **IAM**to implement 2 step authentication of user's access using Google Authenticator and  AWS  Virtual MFA .
* Development of **Python** APIs to dump the array structures in the Processor at the failure point for debugging
* Worked with the team to develop **POJO’s** using **spring framework** for **dependency injection** andintegrating it with **Hibernate and Spring Data JPA.**
* Extensively worked on N-Tier architecture systems with application system development using **Java8, J2EE, JSP, Servlets, Struts, JMS, EJB, JDBC and Multithreading.**
* Developed Session Bean/Entity Beans for MPI.
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, **Bootstrap**, JavaScript**, Angular 6** and **Node JS**.
* Enhanced application performance by **Angular 6** Component based development in view of future Angular framework transitions.
* Created documentation for all the components which is included in **React**-Bootstrap page.
* With the concept of **React JS** Worked on usage metrics and also end to end events tracing for analysis purpose.
* Building**Linux servers (web-logic application, apache, DB servers etc)** in large quantity as per EDC and Non-EDC production requirement as well as App/Dev requirement.
* Coordinated hardware/software installations and upgrades to ensure proper **Unix** system performance.
* Served as the lead **PowerShell** developer in hundreds of Windows based migration and automation projects.
* Installed and maintained **Unix** security patches on the development systems.
* Engineered and implemented fully automated end-user, data migration solution to eliminate business downtime during acquisition/merger using **Windows PowerShell**.
* Created **PowerShell** scripts to constantly monitor the health of the Exchange messaging infrastructure and notify my teammates or myself in the event of a problem.
* Developed DAO layer exposing access to **MongoDB.**
* Worked with containerization tools, can implement transition to Docker and develop distributed cloud system using Kubernetes and Helm package manager for **Kubernetes**.
* Design, build and manage the ELK (**Elasticsearch**, Logstash, and Kibana) cluster for centralized logging and search functionalities for the App.
* Written and Maintained Automated Salt scripts for **Elasticsearch.**
* Excellent Knowledge of **Cassandra** Architecture, Cassandra data modelling & Monitoring Cassandra using OpsCenter.
* Can handle commissioning and decommissioning nodes along with monitoring of **Cassandra** Cluster.
* Have Knowledge on Apache Spark with **Cassandra**.
* Closely worked with **Kafka Admin team** to set up **Kafka** cluster setup on the QA and Production environments.
* Used Spring **Kafka** API calls to process the messages smoothly on Kafka Cluster setup.
* Used **AJAX, JSON** to send request to the server to check the functionality of the websites and for storing and exchanging information between browsers and servers.
* Developed User Interface using **Struts, JSP, Java Script, Ajax and JSON**.
* Expertise with web-based GUI architecture and development using **HTML, CSS, DHTML, AJAX, JavaScript XML** and **Tag libraries (JSTL).**
* Developed build scripts to generate the EAR file with Maven.
* Developed REST web services using **JAX-RS** API to send data from **Oracle** Database in **JSON** Format
* Developed **soap webservices** using cuff to interact with MPI Services.
* Implemented REST Microservices using spring boot.
* Used **Soap UI** for testing Web Service.
* Used **CVS** tool to maintain version control.

**Environment**: Java 8**,** J2EE, Spring, Hibernate, Spring Data JPA, Webservices, PowerShell, WebLogic Portal, JMS, EJB, AJAX, Struts, JSP, Java beans, Web Services, Apache Kafka, WebLogic Application Server, SOAP, XML, JAXP, JNDI, UML, CSS, DHTML, Oracle, Java Script, Cassandra, HTML.

**Client- Infinite, Hyderabad, India Aug 2013 - Jun 2016**

**Designation: Java Developer.**

**Description:** A multinational e-commerce company where it deals with customer-to-customer and business-to-customer through its website. The project is to migrate the interfaces that are developed in the internal network from web methods to MuleSoft. The primary role is to migrate the interfaces by replicating the same design and workflow with the MuleSoft API Led Connectivity Development.

**Roles & Responsibilities:**

* Implementing project using Agile **SCRUM** methodology, involved in daily stand-up meetings and sprint showcase, and sprint retrospective.
* Developed the web tier using JSP, and **Spring MVC.**
* Used **Spring Framewor**k for the Implementation of the Application.
* Integrated **Spring Dependency Injection (IoC)** among different layers of an application.
* Used **Hibernate** for object Relational Mapping and used **JPA** for annotations.
* Implemented **REST web services** using **Apache-CXF** framework.
* Involved in creating various **Data Access Objects (DAO)** for addition, modification and deletion of records using various specification files.
* Implemented **interface sub classes** using **lambda expressions.**
* Worked on developing the user interface for internal users with **Spring MVC, Ajax, jQuery, AngularJS** and **JSON.**
* Implemented **design patterns** like Singleton, **MVC, DAO Pattern** and Value Objects/Data Transfer Objects **(DTO)** to transfer data between different tiers of the application to decrease the network traffic when invoking remote objects.
* Involved in writing the **web service code to interact with other applications.**
* Integration of spring modules with AWS modules in order to consume third party services.
* Deployed the Application in WebSphere server.
* Designed and developed **persistence layer** using **spring** **JDBC template**.
* Involved in **Unit Testing** of various modules in generating the **Test Cases**.
* Used **SVN and GitHub** as version control tool, **Maven** for build and management
* Extensively involved in **Test-Driven Development (TDD).**
* Converted the **HTML** Pages to **JSF** Tag Specific Pages.
* Developed JSPs and managed beans using **JSF.**

**Environment:** Spring framework, Spring MVC, Spring JDBC, Hibernate, J2EE, JSP, Ajax, XML, Log4j Maven, JavaScript, HTML, CSS, jQuery, SVN, GitHub, WebSphere, Agile, JAX-WS, Apache-CXF, JSF.