**SHRAVAN**

**Senior Software Engineer**

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**Summary:**

* **11+ years** of professional experience in developing web based, distributed architecture and **client/server applications in multi-platform environments with Java/J2EE technologies using** **Object Oriented Analysis and Design (OOAD)**. Involved in all the phases of Life Cycle of Software Development (SDLC).
* Experience in various applications design, development, implementation, and maintenance of Web based n - tier architecture systems using Java/J2EE for enterprise applications.
* Active involvement in complete Software Development Life Cycle (Analysis, Design, Build, Unit Testing, various environments like Dev, SIT, UAT, Staging and Production Support)
* Expert level skills developing applications using Core Java, J2EE, JSP, Multi-threading, Servlets, Spring, Hibernate, Web Services (SOAP and REST), Collections, JDBC, XML, XHTML, HTML5, CSS, JSON, JavaScript, Ajax, OOPS, Design Patterns, XSL/XSLT, and jQuery.
* Extensive experience working in Spring Framework Spring MVC, Spring AOP, Spring DAO, Spring ORM, Spring Security, O/R mapping Hibernate framework.
* Hands on experience in designing and deploying dynamically scalable, available, fault-tolerant, and reliable applications on multiple cloud platforms like AWS, and on-premises servers.
* Good experience in integration of Amazon Web Services AWS applications like Amazon EC2, Amazon S3, Amazon Simple DB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS and Amazon Cloud Front.
* Expert in deploying applications in AWS as EC2 instances, created snapshots for the data to be stored in AWS S3.
* Expert on AWS with Docker, Red Hat instance creation with data warehousing and other application server.
* Experience in using Spring Boot for building cloud Micro services and developing Spring based applications.
* Strong knowledge in coding with latest web technologies, frameworks like Angular 2/4/6/7/8/9/11, ReactJS, NodeJS and strong experience in developing Responsive Design UI development.
* Experience on cloud-based technologies like Docker **and** AWS- S3, EC2, Lambda**.**
* Extensive experience and actively involved **in Requirement gathering, Analysis, Design, Reviews, Coding, Code Reviews, Unit,** and **Integration Testing**.
* Extensive experience in designing front end interfaces using **HTML, JSP, CSS, Java Script,** Angular **and Ajax.**
* Good Experience using Object Relational Mapping tools like **Hibernate and Spring Data JPA.**
* Experience in developing **applications** and **APIs** using **Micro Services, Spring Boot.**
* Experience in **Spring Framework** such as **Spring MVC,** Spring JDBC.
* Having experience of fixing **SONAR, SSAP scan** code quality issues like removing unnecessary dependencies, SQL query.
* Secured Restful API using application layer security framework spring security, OAuth2 and JWT for securing REST end points
* Having working knowledge on **Junit Mockito test cases** for code coverage.
* Having working experience **Apache Spark**
* Experience with various IDEs like **Eclipse, STS (Spring Tool Suite) and IntelliJ.**
* Implemented the projects on **Agile Methodology and involved in running the scrum meetings.**
* Working knowledge in Oracle Stored procedures.
* Having working knowledge on **XML Suite of Technologies XML, XSL, XSLT** and validations withDTD & XML Schemaand processing profile withSAX, DOMParsers**.**
* Good experience in using various version control systems like SVN, CVS, and GIT. Experience with DevOps Continues Integration and Continues Deployment (CI/CD) tools using Maven, Jenkins, and Git.
* Expertise in several testing environments like JUnit, Selenium, JMeter, CURL, Jenkins, SoapUI and System Testing. Experience in using JIRA and Rally issue and bug tracking tools.
* Experience in using Selenium and Cucumber for creating Automated Test Suites and deriving functional and acceptance tests.
* Experience on application development in different environments like Windows, Linux, and UNIX.

**Certifications**

* **Sales Force Platform Developer-1**

**Education**

* **Master of Computer Applications.**

**Technical Skills**

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| **Operating Systems** | Windows, UNIX, LINUX |
| **Programming Languages** | C, C++, Java, C#, SQL, PL/SQL, NO SQL |
| **J2EE Technologies** | JDBC, Servlets, JSP, JNDI, RMI, Web services. |
| **Frame Works** | Struts, Hibernate, Spring Boot, Spring MVC, JSF, Junit, Angular |
| **Web Services** | RESTFUL, SOAP |
| **XML Technologies** | XML, XSL, XSLT, XML Schema |
| **Scripting Languages** | HTML, CSS, JavaScript, JQuery, Angular, JSON, AJAX, Type Script. |
| **Design Methodologies** | SDLC, UML, J2EE Design patterns. |
| **Application Servers** | Web Sphere, WebLogic |
| **Web Servers** | Apache Tomcat, IIS. |
| **Protocol** | HTPP, TCP/IP, LDAP, FTP. |
| **Databases** | Oracle, MS SQL-Server, DB2, Dynamo DB |
| **IDE Tools** | Eclipse, STS, IntelliJ and Visual Studio Code |
| **Build Tools** | Ant, Maven, Gradle, Docker |
| **Other Tools** | Log4J, Microsoft Excel, Microsoft Word, Rational Tool Suite, Microsoft Office, SQL Developer, WinSCP, Putty, JIRA |
| **Source Control** | GIT, GITLAB, ClearCase, CVS, SVN. |
| **Methodology** | Agile (SCRUM), Waterfall |
| **CRM Tools** | Salesforce |
| **Cloud Technologies** | Azure, AWS |
| **Big Data Technologies** | Apache Spark |
| **Messaging System** | Kafka, SPLUNK |

**Professional Experience**

**Client: JPMC, Malvern, Pennsylvania USA** **Dec 2021 – Till Date**

**Role: Sr.Java Developer**

**Project Name: OPT-ETL Rewrite**

**Responsibilities:**

* Involved in the lifecycle of the **software design process including**, **requirement Definition**, **prototyping**, **design, interface implementations, unit testing**.
* Worked on **Technical POC** and delivered successfully.
* Delivered application development and enhancement using **Agile/Scrum methodology**.
* Developing **Micro Services using Rest API, Spring Boot.**
* Worked on SQL Data Extraction using **Apache Spark.**
* Deployed in Docker containers on AWS platform and Secured Restful API using application layer security framework spring security, OAuth2 and JWT for securing REST end points
* **Utilized AWS Lambda platform to upload data into AWS S3 buckets and to trigger other Lambda functions developed drag and drop document editing using ReactJS.**
* Developed application using Spring MVC, JSP, JSTL, the business layer is built using spring and the persistent layer uses Hibernate.
* Worked in all the modules of the application which involved front-end presentation logic developed using JSP, JSTL and JavaScript, Servlets, and spring framework.
* Created and injected spring services, spring controllers to achieve dependency injection and to wire objects of business classes.
* Consuming APIs and delivering them to downstream systems.
* Migrated / Upgraded ETL Informatica System to Spring Boot APIs.
* Writing **JUnit test** cases for code coverage and Involved in Code Review.
* Developed components in Angular 6 for each module of the application and developed responsive web designs.
* Experience code vulnerability fixes like removing unnecessary dependencies, SQL query.
* Expertise in development tools like **Eclipse, STS and IntelliJ**
* Managing the team and assigning change requests and daily tasks.
* Performance Tuning and Project stabilization.
* Presented demo to the customer for the new requirements.
* Involved in **CI/CD** pipeline jobs configurations.
* Written CI/CD configuration for our application build and deployment.
* Active interaction with various teams to achieve the project objectives.
* Worked with team leaders and business analysts in resolving application technical issues.
* Developed reusable components to use in various applications.
* Coordinating and resolving the team on requirement understanding and technical/functional issues.
* Worked on UAT/Integration test issue fixes.
* Worked on Final Production deployment.
* Worked and Supported Postproduction.
* Involved in creation of objects like **tables, views, stored procedures, triggers** using oracle tool like SQL developer
* Implemented spring boot micro services to process messages into **Kafka** Cluster.

**Environment: Java, J2EE, Spring Boot, Apache Spark, git, Maven, Angular6, SQL Server, Oracle, micro services, Kubernetes, Informatica, Control M, GKP, Splunk, Kafka, AWS, JIRA, JUnit, Mockito.**

**Charter Communications, Charlotte, NC Dec 2020 – Nov 2021**

**Full Stack Developer**

**Responsibilities:**

* Designed and implemented applications using various Java and J2EE Design patterns such as Singleton, Business Delegate, Façade, MVC and Data Access Object (DAO).
* Developed Spring AOP programming to configure logging for the application and also to track CRUD operations on the database and used Spring Transactions and Spring Web flow for Payment and Money Transfer.
* Designed and implemented scalable, REST and Microservices-based mobile back-end. The back end is written in Java using Spring Boot for simplicity and scalability.
* Used Hibernate Framework for object-relational mapping and persistence and developed effective web pages using HTML, CSS, JavaScript, ReactJS, NodeJS and Bootstrap.
* Wrote Java scripts to automate AWS services which include Webservers, ELB and CloudFront distribution, Database, EC2, Database Security Groups and S3 Bucket.
* Implemented AWS functions to run scripts in response to events in Amazon DynamoDB table, S3 buckets, and HTTP requests .
* Used Amazon CloudWatch to monitor AWS services and Amazon CloudWatch logs to monitor applications.
* Worked with Amazon S3buckets as a storage and archive and created user/resource-based security IAM policies for the S3 bucket.
* Developed Application to JSON and XML from Restful Webservice from the consumer side using ReactJS configured Hibernate session factory to integrate with Spring4 and generation of the database schema.
* Used Microservice architecture, Boot-based services interacting through a combination of REST, Apache Kafka message brokers and leveraging AWS to build, test and deploy identity Microservices.
* Developed REST API using Spring MVC and REST Controllers and generated JSON/XML formats OOPSdesign.
* Developed SOAP Microservices which are like APIs used for Home Automation they also keep the data in synchronization between two database services.
* Developed CI/CD system with Jenkinson Dockercontainer environment utilizing Kubernetes created Single Page Application (SPA) which can data bind and synchronize with ReactJS framework.
* Designed creative prototypes by following various security protocols or frameworks like – SSO, Oauth2, JWT and Elliptical curve mechanisms.
* Used multiple Action Controllers to control the page flow, Interceptors for client validations Spring Interceptors to validate web service requests and enable notifications.
* Developed applications for a workflow using JSPs, Spring MVC, Hibernate, AJAX, and JavaScript technologies using Apache Tomcat.
* Developed unit test cases using JUnit and used Log4J for logging and debugging MySQL as a backend database and was involved in the development of Stored Procedures.
* Helped the deployment team in deploying and bringing up the application with proper configuration settings for optimal performance of the application.
* Used Git as version control to track and maintain the different versions of the project Maven scripts to build and deploy the application.
* Worked on defect resolutions and configuration management change processes to support applications in prod and integration testing environments.

**Environment:** Java 7, J2EE, Spring 4.x, Spring MVC, Spring Boot, Hibernate, XML, XSL, Microservices, AngularJS, Angular6, SOAP, REST, REST API, PCF, Docker, CI/CD, Kubernetes, Bootstrap, JavaScript, HTML, CSS, Ajax, Tomcat 8.0, JPA, Git, Groovy, JMS, SoapUI, TestNG, JSON, Ant, Log4j

***C*lient: NTT DATA India May 2017 – Dec 2020**

**Role: Sr.Java/J2EE Developer**

**Project Name: Save- A- Lot**

**Responsibilities:**

* Worked on Writing High Level Design Document and.
* Involved in User Story discussion, Understanding.
* Worked on application development and enhancement using **agile methodology**.
* Developed application using **Spring Boot**.
* Developed single page application using **Angular2**, HTML, CSS and Bootstrap. And web API for backend functionalities.
* Written **JUnit test** cases for code coverage.
* Fixed issues reported by **Sonar scan report** for application code quality.
* Worked on UAT issue fixes and delivered on time.
* RCA of defect, debugging code and defect fixing.
* Involved in CI/CD pipeline jobs configurations.
* Worked with client team and resolved application queries and issues.
* Involved in post-production installation support.
* Worked on critical Production issues and worked with application support team.
* Involved in creation of objects like **tables,, stored procedures** using oracle tool like SQL developer
* Triaged and solved customer’s based technical issues.

**Environment: Java, J2EE, JSF, JSP, Spring Boot, JavaScript, Angular2, Wild fly 9, SVN, Hibernate, Maven, Oracle, GIT LAB,** SOAP web services, Docker, Jenkins – CI/CD, Kubernates,Tools Used: STS – Spring Tool Suite, SOAP UI, Git, Jenkins, Maven.

**Hexaware Technologies India March 2015 – Apr 2017**

**Role: Sr.Java Developer**

**Project Name: Delta-Axis**

**Responsibilities:**

* Involved in application End to End including Required Understanding, Design & Analysis, Development and Testing.
* Understanding of the business rules, functional and technical specifications for the given requirement.
* Developed application using J2EE architecture with Struts, Spring and Hibernate using concrete principles laid down by design patterns.
* Designed and integrated the full-scale Struts/Hibernate persistence solution with the application architectures.
* Used Hibernate as data mapping and persistence framework to implement data access abstraction.
* Designed the architecture for a scalable, maintainable, highly available J2EE application using in Web Sphere.
* Developed of core components of the application using J2EE, Hibernate, SQL/PLSQL
* Developed the application using Struts Framework which is based on the MVC design pattern.
* Responsible for Design and Architecture of J2EE application
* Developed web presentation layer using GWT, HTML and CSS according to internal standards and guidelines.
* Implemented Ajax with JQuery UI to refresh results from Ajax page.
* Responsible for build and release of code from SVN.
* Developed JUnit test cases for all the developed modules.
* Agile/SCRUM was used as the project management methodology.
* Developed the UML Use Cases, Activity, Sequence and Class diagrams using Rational Rose.
* Design & Development of the User Interfaces using GWT, HTML, CSS.
* Involved in technical support and coding on basis of the Design Document’s, development, and reviews.
* Code Review, Quality Co-ordination, Release Management and bug fixing.
* Translate application storyboards and use cases into functional applications.
* Design, build, and maintain efficient, reusable, and reliable Java code.
* Ensure the best possible performance, quality, and responsiveness of the applications.
* Identify bottlenecks and bugs, and devise solutions to these problems.
* Review of test cases and Unit Testing.
* Tracking the resources and presenting the weekly status to the management about the assigned tasks
* Building functionality within the existing system to accommodate/associate customers operating with different circumstances.
* Worked on creating **tables, stored procedures** using oracle tool like Toad and Conducting Peer reviews and Independent Testing.

**Environment: Java, J2EE, GWT, Struts 2.x, SOAP Web Services, IBM Web Sphere, JQuery, Tomcat 6.0, IBM clear case, SVN, Ant, log4j, Eclipse, Oracle, SVN, Maven, Agile.**

**Client: Opus Software India June 2011 – Feb 2015**

**Role: Sr. Java Developer**

**Project Name: Mohawk Net**

**Responsibilities:**

* Involved in Understanding of the business rules, specifications and technical/functional specifications for each interface.
* Reviewing the code developed by other members.
* Developed the application using Struts Framework which is based on the MVC design pattern.
* Developed User Interface using JSP.
* Worked Java Script and JQuery for validations.
* Build & Release management and defect tracking and closure.
* SIT & UAT support of the application.
* Involved and written High level and low-level design documents.
* Involved in release management, UNIX scripts change and testing.
* Reviewing the code according to the coding standards & accessibility guidelines.

**Environment: Java, J2EE, Struts1.2, Hibernate 3.x, Eclipse, Tomcat 6.0, WebSphere, IIS web server, JavaScript, SQL Server 2005, SVN, Jenkins, DB2, Ant, Maven, Junit.**