**Aasrita**

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**Sr. Full Stack/Java Developer**

**PROFESSIONAL SUMMARY**

* Having 7+ years of experience responsible for creating, designing, and reviewing web applications by gathering business specifications utilizing Agile Scrum Application Development Methodology.
* Experience in Designing and building dynamic and user interactive websites using HTML5, CSS3, JavaScript, AngularJS, Angular 2+, Node JS, React JS, Redux, Bootstrap, jQuery, XML, JSON, DOJO, AJAX.
* Extensive knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like Angular, React.
* Experience in working with RESTFUL Web Services and implementing RESTFUL API's.
* Experience in applying the latest software development approaches including MVC, event driven applications using AJAX, Object Oriented (OO) JavaScript, JSON, and XML.
* Responsible for implementation of java integration components for JBPM and DROOLS Rule Engine.
* Good Knowledge of designing, deploying and operating highly available, scalable, and fault tolerant systems using AWS and Azure
* Experience with AWS services S3, EC2, DynamoDB, Cloud Formation, Cloud Watch, Route 53, Lambda, IAM, SQA, SNS, Elasticsearch and more
* Worked with Behavior Driven Development (BDD) process and Test-Driven Development (TDD)
* Experienced with AngularJS directives ng-app, ng-init, ng-model for initialization of AngularJS application data, implemented AngularJS Expressions, Directives, Controllers, filters, and creation of AngularJS service layer.
* Expertise in Java programming with understanding of OOPs, Collections Interface, Exceptions Handling, Input/output (I/O) System, Annotations, Enums, Concurrency, Multi-Threading, Lambdas, and Generics.
* Extensive SDLC experience including Requirement Analysis, Design and Coding, Application Implementation, Unit Testing, System Testing, Regression Testing and Production Support.
* Involved writing modules using React as a view engine to build component-based application.
* Created reusable React components and managed application state with Redux.
* Extensive SDLC experience including Requirement Analysis, Design and Coding, Application Implementation, Unit Testing, System Testing, Regression Testing and Production Support.
* Worked to produce SOAP web services (WSDL, XML, JAXB) using Apache CXF in Service Oriented Architecture (SOA). Also worked in consuming the SOAP web services.
* Experience with messaging systems like Kafka and Kafka event sourcing.
* Experience in Developing Application using frameworks Integration, Security, Boot, Struts and Hibernate. Experience with Auth frameworks – ADFS, OAuth and KMS.
* Experience in developing Web and Enterprise applications using technologies JDBC, Servlets, JSP, Java Server Faces (JSF), Java Persistence API (JPA), JNDI, JMS, JSP, NPM, GIT and Jira.
* Proficient in consuming Restful Web Services with AJAX call and updating dynamic functionality of HTML in JavaScript, jQuery and Angular.js.
* Extensive experience in using various design patterns such as MVC, Singleton, DAO, DTO, in the development of multi-Tier distributed Enterprise Applications
* Experience with container-based deployments using Jenkins, Docker.
* Proficient in writing SQL queries using Hibernate framework with Spring ORM in interaction with the RDBMS and Non-Relational Database like Mongo DB.
* Extensively used the Java design patterns like Builder, MVC, MVVM, Service Locator, Data Transfer Object (DTO) and Data Access Object (DAO), Factory Method.
* Hands on experience with scripting languages like Unix and Linux. Strong foundational Knowledge of Data Structures, Algorithms & Coding.

**TECHNICAL SKILLS**

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| Operating Systems | Windows Linux and Unix |
| Programming Languages | Java 11.0/8.0/7.0/6.0/5.0, J2EE, Servlets, JPA, JDBC |
| Frameworks | Spring boot, Spring, Hibernate, Spring Security |
| IDEs | Eclipse, IntelliJ, Spring STS, Visual Studio Code |
| UI Technologies | Angular 11,9,8, React, React Redux, NodeJs 14.0, npm 7, HTML4, HTML5, CSS3, Bootstrap, Javascript, Typescript,  ES6/ES2015, |
| Relational Data Bases & NoSql DB | Oracle, Postgres, MongoDB, Cosmos DB |
| Build Tools | Maven 3.8, Gradle 6.7 |
| Methodologies | Agile, Scrum and Waterfall |
| Web Service | Web Logic, Tomcat, Jboss |

**PROFESSIONAL EXPERIENCE**

**Care Source - Dayton, OH**

**Sr. Full Stack Java Developer Feb 2023 – Present**

* Developed applications using JAVA 11, Spring Cloud Config.
* Dealt with latest Java 11 features like utility methods, local-Variable Syntax for Lambda Parameters, Nested Based Access Control and Reading/Writing Strings to and from the Files.
* Worked on Swagger, REST with JSON to test data, and Postman for testing the Web Services and Documentation of the Web API.
* Implemented Business processes such as User Authentication using Spring Security.
* Developed Microservices with Spring to retrieve API routes for the entire cluster.
* Worked with Docker to deploy Micro-services in modern containers to increase Isolation.
* Developed internationalized multi-tenant SaaS solutions with responsive UI's using Java or ReactJS, with NodeJS and CSS.
* Experienced with Spark Context, Spark -SQL, Data Frame, Pair RDD's, Spark YARN.
* Deploy the Application on Weblogic application server.
* Worked with Spring Data JPA to execute DDL/DML in Oracle 12c Database. Implemented Lazy Loading to increase the speed and enhance efficiency of the application.
* Developing new user-facing features using React.js.
* Implemented Log4j and I18N technology for a broader perspective of the project.
* Implemented continuous integration and continuous deployment using Jenkins by building pipelines of the various versions of code for deployment in different environments.
* Generate SQL Scripts to update the parsed message into Database.
* Implemented Audit trail functionality to capture all changes going through the record details in the Web UI using Spring Boot, Spring Web, Hibernate, JPA, Spring JDBC, ODBC, RESTful Web services and Java JDK.
* The application was created using Spring MVC, Spring Boot and Spring Frame
* Built step functions based on the instructions using Step Functions API’s using AWS SDK
* Used AWS Secret Manager to secretly access the data.
* Experience in working with Terraform key features such as Infrastructure as a code, Execution Plans, Resource Graphs, Change Automation.
* Hive external tables are created mapped to the data stored in the HDFS and Hive tables are accessed using Spark SQL.
* With the concept of ReactJs Worked on usage metrics and end to end events tracing for analysis purpose.
* Experience in Behavior Driven Development (BDD) framework using cucumber
* Experience in writing validation packages using PL/SQL package.
* Used React JS for templating for faster compilation and developing the reusable components.
* Making changes to the existing web applications and creating new components using React.js.
* Implemented React container and presentational components.
* Used Kinesis streams to continuously send updates to users.
* Developed user interface by using React JS, Flux for SPA development. Implemented react JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Strong experience with frontend technologies like HTML5, CSS3, Scripting languages like JavaScript, JQuery, AWS, AJAX, Typescript, NodeJS, Backbone JS, Oracle, DB2 and good knowledge in ReactJS, EmberJS.
* Implemented Spring Framework Bean Factory and Application Context for bean instatement and arrangements.
* Automated and implemented the Cloud Formation Stacks (JSON Scripts) for creating/administrating the AWS resources like VPC, Subnets, Gateways, Autoscaling, Elastic Load Balancers, creating DB Instances and many others across different Availability Zones.
* Involved in converting Hive/SQL queries into Spark transformations using Spark DD, Scala.
* Scheduled, deployed, and managed container replicas onto a node cluster using Kubernetes.
* Used React JS for templating for faster compilation and developing reusable components.
* Debugging production issues, root cause analysis and fixing.
* Developed Junit test classes for unit testing purposes.
* Involved in debugging the defects, code review and analysis of Performance issues.
* Strong verbal and written communication skills are necessary due to the dynamic nature of collaborations with other engineering team, solving complex business problems together.
* Understanding of AWS solutions and experience of deploying public cloud as replacement for on premise hosting models.
* Implemented Log4j for logging and developed test cases using Junit learned XML for communicating client. Written Queries, Sub Queries in SQL to get data from REST API written in Groovy wrapped by Jersey JAX-RS
* Expert in HTML5/CSS3 development and have experience React.js, Responsive design.
* Used various bootstrap components like accordion, date picker, time picker, alert, buttons, modal and react-bootstrap components Jenkins for CI/CD- working on pipelines.
* Followed the Maven build life cycle to build the application and deployed it into Apache Tomcat.
* Participated in code review and mentoring sessions and used GIT as version control and GIT Bash for GIT interactions.

Environment: Java 11, Spring Boot, Spring Data JPA, Microservices, Spring (DAO, AOP, Security), PL/SQL, STS, Swagger, JSON, REST, Oracle 12c, Log4j, Jenkins, Maven, Apache Tomcat, WebLogic, GIT, Agile, Windows.

**Huntington National Bank - Plymouth, MN**

**Sr. Full Stack/Java Developer May 2022 – Jan 2023**

* Involved in Analysis, Design, and Implementation of software applications using Java 8, J2EE, XML and XSLT and Web Services (REST, WSDL).
* Responsible for the overall layout design, color scheme of the web site using HTML5, XHTML and CSS3 and Responsible for creating detailed wire frames and process flows.
* Used Java 8 Lambda expressions and functional interfaces, wherever possible.
* Developed application using JSP, JSTL and AJAX on the presentation layer, the business layer is built using spring and the persistent layer uses Hibernate.
* Used spring as middle tier application framework, persistence strategy using spring support for Hibernate and declarative transaction management.
* Implemented Micro Services architecture using Spring Boot for making application smaller and independent.
* Implemented the back-end services using Spring Boot.
* Involved in designing and developing the front end of the application using JSP, Java script, AJAX, HTML5, DHTML, CSS3.
* Developed multiple POCs to create an interface with routing, forms and integrating Restful API’s using Angular.
* Used Angular 11 custom pipes to format the data before displaying it to the user. And designed dynamic client-side JavaScript code to build web forms and simulate processes for a web application, page navigation using Angular 11.
* Used Java Mailing or Messaging Service (JMS) API’s for mailing detailed notifications depending upon the success and failure once the backend process is complete and for mailing administrator of any system related problems.
* The presentation layer used Spring MVC to implement the MVC architecture design and facilitates user interface designed by use of JSP's and tag libraries.
* Used Spring Framework for Dependency Injection and integrated it with Hibernate.
* Implemented Java Message Services (JMS) using JMS API.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information such as payment status report.
* Involved in the development of the UI using JSP, HTML5, CSS3, JavaScript, and Angular.js.
* Developed the web layer using Spring MVC framework.
* Used Web Services like SOAP protocol in JAXWS and RESTFUL web services.
* Developed and deployed EJBs into BEA WebLogic application server.
* Unit testing was performed using JUnit and Version control through Git.
* Involved in PL/SQL code review and modification development of new requirements. Coded PL/SQL packages.

Environment: Java 11, Spring Boot, Spring Data JPA, Microservices, Spring (DAO, AOP, Security), STS, Swagger, JSON, REST, Oracle 12c, Log4j, Jenkins, Maven, Apache Tomcat, WebLogic, GIT, Agile, PL/SQL, Windows.

**Capgemini - India**

**Sr. J2EE/Java Developer May 2018 – Jan 2022**

* Involved incomplete development of ‘Agile Development Methodology/SCRUM’, developed and tested the application during various iterations.
* Developed screens using HTML, CSS, and jQuery.
* Developed the User Interface using Spring framework, jQuery, and Ajax.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client-side in AngularJS.
* Developed and configured Jasmine test cases to test the Angular controllers for UI in Jasmine framework (JavaScript Testing Framework) in Eclipse IDE.
* Handled Java multithreading part in back-end component, one thread will be running for each user, which serves that user.
* Used spring framework Spring AOP features and JDBC module features to persist the data to the database for a few applications.
* Developed the persistence layer using Hibernate Framework by configuring the mappings in hibernate mapping files and created DAO and PO.
* Developed various Java beans for the performance of business processes and effectively involved in Impact analysis.
* Developed application service components and configured beans using Spring IOC, creation of Hibernate mapping files, and generation of the database schema.
* Implemented a highly scalable vertical and horizontal, performance-efficient Drools architecture.
* Installed and configured JBOSS server with MYSQL persistence. Extracted rules data from the database and decision tables.
* Created SOAP web services interface to Java-based runtime engine and accounts.
* Hands-on experience in Cassandra architecture with better understanding and writing processes including mem-table, stable, and commit log.
* Actively involved in writing SQL using the SQL query builder.
* Worked on MYSQL databases and Oracle databases technologies.
* Used Maven as a build tool and deployed the application.
* Actively used the defect tracking tool JIRA to create and track the defects during the QA phase of the project.
* Automated test cases in BDD and TDD. Developed BDD scripts with Cucumber/Java and writing step definitions for behavior and step definitions.
* Used SVN to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and create a new branch when new feature implementation starts.
* Developed test cases using JUnit.

Environment: SCRUM, SDLC, Maven, HTML, CSS, JQuery, Jasmine Framework, Spring, Ajax, AngularJS, AOP, JDBC, Spring IOC, Hibernate, DAO, PO, Java beans, SOAP, SQL, Cassandra, JIRA, QA, SVN, Junit, JBOSS Server, Drools.

**Netcracker Technology – Hyderabad, Ind**

**Java Developer Jun 2016 – April 2018**

* Developed applications using Application Lifecycle Management to deliver reliable applications.
* Involved in project plan meetings with clients, business analysts and team members to analyze business requirements and translate business requirements into working model using agile methodology.
* Developed the view-controller components using Servlets/JSPs, JavaScript, Bootstrap, CSS, HTML and DHTML.
* Developed user-friendly interface to seamlessly combine the new module with existing login system by using AngularJS.
* Developed the service layer that acts as a bridge between the presentation layer and data access layer, with spring framework.
* Responsible for designing Hibernate mapping files based on business logic and Object relationships.
* Integrated Spring and Hibernate together and worked on developing backend components and services using Hibernate and spring.
* Extensively used HQL and SQL for querying databases.
* Established Database Connectivity using JDBC, Hibernate O/R mapping with Spring ORM for Oracle.
* Implemented Dependency Injection (IOC) feature of spring framework to inject beans into User Interface and AOP for Logging.
* Configured development environment using Web Sphere application server for developer’s integration testing.
* Developed persistence Layer using Hibernate to persist the data and to manage the data.
* Developed Hibernate configuration files and queries and Implemented DAO classes.
* Developed reusable and interoperable Web service modules based on SOA architecture using SOAP and migrating to RESTFUL.
* Used JReport for the generation of reports of the application.
* Developed framework using Java, MySQL, and web server technologies.
* Services using SOAP, WSDL, UDDI and XML using CXF framework tool/Apache Commons.
* Wrote Stored Procedures and complicated queries for IBM DB2. Implemented SOA architecture with Web.
* Used Eclipse IDE for development and JBoss Application Server for deploying the web application.
* Used JUNIT for unit testing and check API performance.
* Used WebLogic for application deployment and Log 4J used for Logging/debugging.
* Used CVS version controlling tool and project build tool using ANT.

Environment: SCRUM, SDLC, Maven, HTML, CSS, JQuery, Jasmine Framework, Spring, Ajax, AngularJS, AOP, JDBC, Spring IOC, Hibernate, DAO, PO, Java beans, SOAP, SQL, Cassandra, JIRA, QA, SVN, Junit, JBOSS Server, Drools.