**Yaswanth**

**Java Full Stack Developer**

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**Professional Summary:**

* **Full Stack Java Developer with 8 years** of experience in Analysis, Design, Development, Testing and Implementation of Enterprise Client/Server and Distributed Applications across the entire Software Development Life Cycle using JavaandJ2EETechnologies.
* Good Exposure on Web development using **Java 1.8, Angular 4, Angular 6**, jQuery, SOAP, REST and Microservices architecture.
* Expertise on advanced software development methodologies such as Agile/Scrum, Waterfall, Test Driven Development(TTD), Incremental and Iteration methodology.
* Expertise in UI Design and Development using **Angular, Angular JS, Backbone JS, Ember JS, Knockout JS, Ext JS HTML/ HTML5, CSS/CSS3 (SASS, LESS), JavaScript (ES5 & ES6), Google Web Toolkit (GWT),** Bootstrap, XML AJAX, JSON, Tag Libraries, Custom Tags, JSF, Prime-Faces and Rich-Faces framework that follows W3C Web standards and successfully managing all facets of application development.
* Strong experience in developing Dynamic Single Page Application (SPA) using MEAN (Mongo, Express Angular and Node) full stack development tool kit.
* Good knowledge on package manager tools such as NPM and Bower for dependency management.
* Well experienced in developing applications using **jQuery, React JS,** Handlebar JS for view rendering and implementing React JS with Redux and Flux patterns to attain MVC functionality.
* Good amount of hands-on experience in developing server-side JavaScript frameworks using Node JS (Hapi JS, Express JS) to build event driven, non-blocking i/o model web applications.
* Experience working with the React component lifecycles like Mounting, Updating and Unmounting and using lifecycle hooks within them.
* Proficient in working with web development technologies like **HTML, CSS, Bootstrap, JavaScript,** jQuery, React.
* Proficient in Core Java technologies including Collections, Interfaces, Synchronization, Generics, Serialization, IO, Exception Handling, Multi-Threading.
* Expertise in J2EE Architecture using Java, JDBC, EJB 3.2, Servlets 3.x/4.x, JMS, JSP, Hibernate 3.2/4.x, Struts, Maven, **Spring, Web services (Axis2.0, JAX WS 2.0, JAX RS) and Rule Engines (Drools 4.1, Easy Rules, Rulebook).**
* Experience in Messaging services like (JMS) MQ's Rabbit MQ, IBM MQ and Active MQ.
* Experience in Spring Security Framework for User Access Management and involved LDAP configuration for authentication, authorization & Implementing Spring Cloud-REST call using Netflix Feign Client.
* Experience in creating Databases, Tables, Stored Procedures, DDL/DMLTriggers, Views, User defined data types (UDT), Functions, Data dictionaries, and maintaining data integrity and Indexes using T-SQL.
* Working experience of PL/SQL and database like MySQL Server, Oracle 11g/10g and tools like Oracle SQL Developer also Mongo DB.
* Hands on experience with persistence layer using **SQL, Hibernate, JPA, JDBC, PL/SQL-Stored procedures, functions, triggers, Cursors etc.**
* Developed CI/CD system with Jenkins on Kubernetes container environment utilizing Kubernetes.
* Excellent experience in unit testing using Karma, Jasmine, Automated Testing using Junit/TestNG, Selenium (IDE/Web driver), Integration Testing using Continuum, Selenium, Hudson, Jenkins and Apache Camel.
* Experienced in configuration and deployment on Application Servers such as IBM WebSphere, Oracle WebLogic, Red Hat JBoss and Apache Tomcat.
* Provided troubleshooting and error handling support in multiple projects.
* Hands on experience with build tools like Ant, Maven, Gradle and logging tools like Log4J and Splunk.
* Excellent Problem-Solving Skills, Communication, presentation and interpersonal skills. Strong troubleshooting and organizational skills.

**TECHNICAL SKILL:**

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| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking. |
| **Programming Languages** | Java JDK 1.4/1.5/1.6/1.7/1.8/8/11, C++, C, SQL, PL/SQL, Python. |
| **Application/Web Servers:** | Oracle/BEA, WebLogic 8.1/9.1/10.3, IBM WebSphere 5.1/6.0/6.1/7.0, JBoss, Tomcat 5.0.28/6.0, Bug tracking, Jenkins, Cucumber. |
| **IDEs** | Eclipse, Spring STS, IntelliJ, WebStorm, NetBeans. |
| **Web technologies** | HTML5, CSS3, XHTML, JavaScript(+ES6), TypeScript, Ajax, jQuery, AngularJS, Angular, ReactJS, NodeJS, Socket.io, Express JS, JSON, Swagger UI, Bootstrap, Google Web Toolkit (GWT), Backbone JS, Ember JS, Knockout JS |
| **AWS Skills** | EC2, S3, RDS, EBS, IAM, AMI, ELB, CLI, SNS, RDS, VPN, NAT, GIT, DNS, Route53, DBA, Dynamo DB. |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI, Microservices. |
| **Methodologies** | Agile, Scrum, RUP, TDD, OOAD, SDLC, Waterfall model. |
| **Message Brokers** | Kafka, RabbitMQ, ActiveMQ, IBMMQ. |
| **Testing technologies/tools** | JUnit, JMeter, Protractor, Mockito, JMockit. |
| **Database**  | Oracle 8i/9i/10g/11G, DB2, SQL Server 2005/2008, MySQL, PostgreSQL, Sybase, MongoDB, Cassandra. |
| **Big Data Tools** | Hadoop, Spark, MapReduce, HDFS, HBase, Zookeeper, Hive, Sqoop, Cassandra, Flume, Couchbase, MongoDB, Neo4J, Redis, MLlib. |
| **Version Control** | CVS, SVN, Git, Stash, Bitbucket. |
| **Build Tools** | ANT, Maven, Gradle. |
| **Spring Tools** | Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Micro services, Spring REST, Spring Eureka, Spring Hateos, Spring Cloud, Swagger UI, Sleuth, and Spring Zuul, Feign Client. |

**Professional Experience:**

**Conduent, Raleigh, NC. Jan 2022 - Present**

**Sr. Full Stack Java Developer**

**Responsibilities:**

* Involved in Software Development life cycle includes Requirement Analysis, Design, Implementation and Testing. Followed Agile methodology in the **Scrum Cycle model**.
* Worked in all the modules of the application which involved front-end presentation logic developed using JavaScript & jQuery.
* Designed the workflows of the java classes and methods to optimize the solution as much as we can.
* Developed Java Restful Services using JAX-RS API’s which is Jersey framework. Also created restful services using **Spring Boot framework**.
* Handled the back-end operations using SQL, PL/SQL, Stored procedures, triggers and developed the persistence structure using ORM based Hibernate.
* Developed the application using MVC-1 Architecture using JSP 1.7, Servlet2.5 and EJB2.0 and built dynamically generated dropdown lists using **jQuery and Angular**.
* Developed reusable components using Custom Directives in Angular.
* Implemented Services and Dependency Injection in Angular to connect the web application to back-end APIs and for sharing the code between the components.
* Using Angular, we created custom directives for re-usable components (multi-field form elements, background file uploads, etc.)
* Developed UI Components using ReactJS and CSS styling.
* Used React JS for templating for faster compilation and developing reusable components.
* Built a geo-based social network web application with React JS, Spring Boot, Spring Security and Spring REST.
* Wrote SQL stored procedures and PL/SQL.
* Used Spring Boot with Hibernate framework to build the application on server side.
* Eclipse RCP is used as Java IDE tool for creating Java, ENUM classes, POJO and Data Access Objects.
* Implemented DAO’s and DTO’s to do CRUD operations on the respective Database tables.
* Worked on Oracle as well as Maria DB simultaneously as per the requirements of the client.
* Extensively used Java 8 features like lambda expressions for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Designed XSLTs to convert unstructured data into JSON format. Used Xpath and XSL tag elements to design the XSLT’s.
* Wrote Stored Procedures, Packages, and PL/SQL scripts are used to query the database.
* Created and used XML files to map the data that came from the ruled-encoded documents.
* Build Docker Images and run them on Docker container.
* Migrated the whole Kafka environment to Apache pulsar in AWS cloud platform.
* Experience in AWS cloud services like Compute, Network, Storage and Identity & access management.
* Experience with DevOps methodologies, implementing CI/CD Pipelines using tool sets like GIT and our own CI/CD pipelines which reduces the time for the deployment of micro services.
* Developed test cases and performed unit testing using Karma, Jasmine and JUNIT Test cases.
* Worked with several testing frameworks such as JUnit, Easy Mock, Mockito and Power Mock.
* Used Git for version control and JIRA for bug tracking, project management and Maven as build tool.

**Environment:** Java 8, Spring boot, JAX-RS, Jersey Framework, Angular, React JS, Vue JS, XML, XSLT, Junit, Oracle 11g, jQuery, JavaScript, HTML 5, Kubernetes, Multi-threading, Pl/SQL Agile, Design Patterns, Jasmine, Git, JIRA, Apache Maven 3.6.2, Oracle, Maria DB, Docker, AWS, RESTful Services.

**Rail Inc, Raleigh, NC Aug 2019 -Dec 2021**

**Full Stack Java Developer**

**Responsibilities:**

* Involved End to End Design, Development and Testing of Streamlets module. Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Followed Agile methodology in the Scrum Cycle model.
* Worked on the application’s presentation layer in UI development with technologies like HTML 5, CSS3, JavaScript and Angular JS, Bootstrap, AJAX.
* Used **Microservice** **architecture** with Spring Boot based services interacting through a combination of REST and **Apache Kafka** message brokers.
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Worked on Angular JS and Node JS to structure JavaScript code in an MVC model (Model-View-Controller). Used Angular JS, D3JS to build a single-page application and used Angular JS 4.0we created custom directives for re-usable components (multi-field form elements, background file uploads, etc.)
* Created UI for user actions for error handling in CAMUNDA workflows and integrated with flows based on user input.
* Migrated existing Angular JS controllers and services to Angular 4 components for more responsive and less dependency.
* Worked in all the modules of the application which involved front-end presentation logic developed using JSP, JSTL, JavaScript &jQuery.
* Extensively used Java 8 features like lambda expressions for communicating between business layer and database, Streams API for Bulk Data Operations on Collections using both streams and parallel streams.
* Developed Session Beans for fetching the data and updating information.
* Eclipse RCP used as Java IDE tool for creating Java, POJO, JSP's, Servlets and Data Access Objects.
* Implemented pre-authentication and database security using Spring Security and securing application access and Spring Batch for scheduling and maintenance of batch jobs.
* Implemented Spring ORM with Hibernate taking advantage of features like Annotation metadata, Auto wiring, and Collections to implement DAO layer with Hibernate Session Factory, HQL, and SQL.
* Developed Database Procedures for updating, Inserting, and deleting table for a complete logical Unit of Work (LUW) using PL/SQL and Oracle Database Server.
* Written SQL, PL/SQL and stored procedures as part of database interaction.
* Extensively used Hibernate concepts such as Lazy loading, Dirty checking, Locking, and Transactions.
* Created/managed Mongo DB/NoSQL collections. Developed Server-side automation using Node.js scripting and connecting different types of SQL and NoSQL databases.
* Used SonarQube for continuous inspection of code quality.
* Tested application using the JUnit to unit test case to enrich the quality of code.
* Used React JS to create Controllers to handle events triggered by clients and send request to server.
* Extensively used React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Experience with building Docker Images and running them on Docker container.
* Developed unit test cases using Jasmine and Karma and performed end to end testing.
* Developed fact classes and rules file in JBoss Drools rule engine to customize EPA emails.
* Experience with DevOps methodologies, implementing CI/CD Pipelines using tool sets like GIT, Jenkins and Chef. Setup the continuous Integration (CI) process and continuous deployment (CD) jobs in Jenkins brew master instance, which reduces the time for the deployment of micro services.
* Worked on troubleshooting the issues in production environments, good experience in transaction management using open-source tools and framework.
* Developed JUnit test cases for all the developed modules.
* Created Test automation framework using Cucumber and Selenium web driver.
* Used Git for version control and JIRA for bug tracking, project management and Maven as build tool.

**Environment:** Java 8, Spring Boot, CAMUNDA BPMN 2.0 MVC, Spring Eureka, Hibernate, JSP 2.0, MongoDB, NodeJS, AJAX, XML, Golang, Oracle 11g, Docker, NGinx, jQuery, Angular 2/Angular 4, React JS, JavaScript, IBM RAD, PL/SQL, Kubernetes, Junit, Multi-threading, Agile, Design Patterns, Git, Apache Maven 2.5.1, Oracle WebLogic, SonarQube, Jasmine, HTML 5, XSLT, RESTful Services.

**SailPoint, Austin, TX May 2016 – Jul 2019**

**Full Stack Java Developer**

**Responsibilities:**

* Understand the complete flow and found various gaps in current system Designed the new flow for faster creation of reports and posting. Removed complex logics and built more stable and simple code logics.
* Comprehensive experience in using Node.js and Spring Boot implementing RESTful web service.
* Hosted and consumed RESTful Web services using JAX-RS API with spring Boot.
* Developed Micro services using RESTful web services to provide all the CRUD capabilities.
* 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.
* Used Executor Service framework to implement multithreading in programming to improve overall performance.
* Responsible for implementing new front-end features, APIs, internal tools and processes in a Node.js centered stack.
* Used Multithreading extensively to improve the performance of the application.
* Used various PL/SQL statements to store and retrieve the data from database using Squirrel SQL and IBM DB2 control centre.
* Worked with Relational Database Management Systems including Oracle, SQL Server and PL/SQL and have worked extensively on JDBC to connect to and access various remote databases including Oracle, MySQL, SQL Server.
* Involved in capturing the business requirements, design, development and testing of the application.
* Implemented TDD principles throughout the development process, writing unit tests before writing production code.
* Leveraged TDD to drive the design of the code, focusing on creating small, testable functions and classes
* Used TDD to identify and fix bugs early in the development process, saving time and effort in the long run.
* Experienced in using various TDD frameworks, such as JUnit and Jasmine.
* Designed a responsive website using Bootstrap grid system to layout contents that fit different devices including mobile, tablet and desktop. Used Cassandra NoSQL DB to store the data for few modules of the application.
* Built Web pages that are more user-interactive using AJAX, jQuery.
* Implementing the Coding standards, review the code by SonarQube and fixing all the code review bugs.
* Developed a cross-device/cross-browser web application for real-time location sharing utilizing AngularJS, JavaScript API.
* Familiar with Incident Management for production support (L1 and L5) using Remedy.
* Integrated the Java code (API) in JSP pages and responsible for setting up AngularJS framework for UI development. Developed html views with HTML5, CSS3, bootstrap and AngularJS.
* Using AngularJS created Responsive Web Design and did data manipulations to display data in company standard format in UI.
* Deployed Docker contained Spring REST services into AWS EC2 container service using AWS admin console and used lambda to run applications in AWS console.
* Used Jasmine test cases for implementation of Angular JS code.
* Responsible for analysis of current programs including performance, diagnosis and troubleshooting of programs presenting challenges and design solutions to overcome such.
* Configured Swagger for auto-generated documentation for all REST API calls.
* Experienced in build, deploy multi module applications using Maven, ANT and CI servers like Jenkins.

**Environment:** JAVA/J2EE, HTML, JSON, XHTML, JS, AJAX, JQUERY, DOJO, CSS3, JSP, NodeJS, AngularJS, ReactJS, JSF, Bootstrap, XML, XSLT, XPATH, MULE ESB, AWS, WebSphere, SOAP, REST, Spring Framework, PL/SQL, JMS, Maven, Drools 5, Eclipse, Jenkins, JUnit, MongoDB, Mockito, Star Team, Jasmine, TDD, Spring MVC, EMMA, JIRA, Spring framework DI, AOP, Batch, Hibernate, Cassandra, Docker, Ant, SonarQube, Coherence, Rally, Apache Camel, Apache Kafka.

**TRC Technologies, Hyderabad, India Apr 2014 – May 2015**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in analysis, design and development phases of Software Development Life Cycle (SDLC).
* Worked on Agile Methodology for building End to End Project management.
* Developed UI modules using HTML, JSP, jQuery, **Bootstrap, JavaScript and CSS.**
* Designed and developed an application based on Spring MVC. Used Spring IOC for dependency injection and Spring AOP for cross cutting concerns like logging, security and transaction management.
* Developed reusable and interoperable Web service modules based on SOA architecture using SOAP and RESTFUL.
* Provided L1 level support to the application.
* Developed Application using Spring MVC Framework by implementing Controller, Service classes. Implemented spring framework Bean Factory& application Context for bean initialization and configurations.
* Utilized Hibernate as Object Relational Mapping (ORM) Tool for the backend data persistence.
* Designed, developed, and maintained the data layer using Hibernate and used Spring ORM to integrate with Hibernate.
* Implemented B2B web services using **JAX-RPC and JAX-WS.**
* Implemented application database objects Stored Procedures using SQL and PL/SQL to interact with database.
* Wrote SQL queries, stored procedures and enhanced performance by running explain plans.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes. Designed and Implemented REST web services using JAX-RS, Spring REST.
* Utilized Jenkins for Continuous Integration builds.
* Performed code reviews and used Check style, Find Bugs, PMD, and PIT for code quality.
* Responsible for production support of the application using HP Service Manager.
* Designed, built, and deployed a multitude application utilizing almost all the AWS stack (Including EC2 focusing on high-availability, fault tolerance, and auto-scaling).
* Used SQL Server as the database and developed PL/SQL database scripts and wrote Stored Procedures and triggers.
* Used XML for the data exchange and used SAX and DOM parser to extract and read required information from the XML.
* Used Log4j to capture the log that includes runtime exception and for logging info and are helpful in debugging the issues.
* Developed the Hibernate mapping files and involved in writing JUnit test cases and suits using Eclipse IDE.

**Environment:** J2EE, Java, Servlets 3.1, JSP, JDBC, EJB, jQuery, HTML5, JSTL, XML, Spring 4.0, Hibernate 4.1.9, Oracle 11g, MQ, Web Services, PL/SQL, UML, AWS EC2, JAX-WS, JAX-RPC, JUnit 4.0, REST, WSDL, XML 1.1, IBM WebSphere, WebLogic Sever 11g, Maven, Jenkins, Trac, SVN, AJAX, jQuery, RSA, UML, HP Service Manager.