**Adarsh**

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**Sr.Java Full Stack Developer**

**Summary of Experience:**

* I have around 10+ years of experience as Software Developer with hands on experience on developing Web applications using JAVA, J2EE and Web based Technologies.
* Experience in using Core technologies like **Java, Servlets, JSP, Custom tags**, **Spring Boot, JDBC, Microservice, Java Beans, EJB, JavaScript, Web Services, Angular JS, Angular 2/4/6/8/9, jQuery, MVC, Struts, Spring**.
* Extensive experience on developing web applications using **Spring Boot, Spring Security, Spring Core, Spring MVC, Spring AOP, Spring Actuator, Spring ORM, Spring JPA** and **Spring REST**.
* Experience with messaging systems like **Kafka, Kafka event sourcing.**
* Strong experience in Core Java skills including **Multithreading, Collections, Garbage Collection**.
* Experience in developing applications using **Spring Boot** and implementing **Hibernate** database access methodologies.
* **Micro Services** have been built using **spring boot, spring cloud** and deploying to **AWS** Cloud.
* Setup and built **AWS** infrastructure various resources, VPC, EC2, S3, Dynamo DB and RDS in Cloud Formation JSON templates.
* Worked with Open Shift platform in managing **Docker** containers and **Kubernetes** Clusters.
* Highly experienced with modern JavaScript frameworks and libraries like **Angular**, **Node.js** and **Dojo, Jquery**
* Created **Micro services** as part Lambda function development using **Node.js** Serverless architecture.
* The front-end use **HTML5, CSS3**, **React JS**, jQuery and Bootstrap to build a single page web app that communicate with back-end via **RESTful API.**
* Worked on **Kubernetes**, Configuring the **Kubernetes** pods and testing the pods.
* Good experience on working with **Amazon Web Services** like **EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS** and **Amazon Cloud Front**.
* Implemented **Docker** containers to create images of the applications and dynamically provision slaves to **Jenkins** CI/CD pipelines
* Worked in using **React JS** components, Forms, Events, Keys, Router, Animations and Redux concept.
* Extensive experience in developing **Microservice** using **Spring Boot, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix)** and followed domain driven design.
* Hands-on experience in using message brokers such as **ActiveMQ, RabbitMQ** and **Apache Kafka.**
* Ran Log aggregations, website Activity tracking and commit log for distributed system using **Apache Kafka.**
* Experience in writing **ANT, Gradle, Maven** and **Jenkins** build scripts, writing unit test cases using **JUnit, Mockito, Easy Mock, TestNG** and used **Log4j, Slf4j, Log InSight** for bug tracking.
* Expertise with employment of **Spring Kafka** and **Zookeeper**apart from**JMS**as messaging service.
* Expertise in Bootstrap, **Angular 6/8/9** and **Node.js** (Express, Mongoose, Body-Parser, HTTP, File systems, Browser Sync etc...) and used Log 4j for logging.
* Project migration into cloud environment using **Kubernetes**, **Docker** container.
* Experience using open source big data components such as Hadoop, Hive, Presto, Confluent **Kafka** and data streaming experience.
* Experience in using build/deploy tools such **as Jenkins, Docker** and **AWS** for **Continuous Integration & Deployment** for **Microservices**.
* Developed CI/CD system with **Jenkins** on **Kubernetes** environment, utilized **Kubernetes** and **Docker** for the runtime environment for the CI/CD system to build, Test and Deploy.
* Excellent working knowledge and thorough exposure on compatibility issues with different versions of browsers like Internet Explorer, Mozilla Firefox, Safari and Google Chrome.
* Experienced in using Version Control Tools such as **Git, Subversion, CVS, and Clear Case**.
* Hands-on experience using the version control tools like SVN, CVS, Rational Clear Case and GIT and project management tools like **JIRA, QC.**

**Technical Skills:**

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| **Languages** | Java, Java Script, JSP, UML, WSDL, HTML, CSS, JQuery, PL/SQL, Perl, Python and Shell Scripting. |
| **Java Technologies** | Java, J2EE, JDBC, Hibernate, JSF, XML Parsers, JSP, Servlets, Portals, EJB, JMS, Java Swing, Struts, Spring Framework, Java Beans, Web Services. |
| **Web Technologies** | JavaScript, HTML, XML, XSL, XSLT, SOAP, Angular JS, Angular 2/4/6/8/9, React JS, Node JS, JSON, Restful web services (API), Junit. |
| **Database** | Oracle, SQL Server, My SQL, PL/SQL, PostgreSQL, NoSQL, Mongo DB. |
| **Tools** | Tortoise SVN, TOAD, SQL Developer, Sub Version, SOAP UI, GitHub, Splunk, Jfrog, UDeploy, Fortify Scan and Black duck Scan |
| **Lifecycle Methodologies** | OOAD, Waterfall Model, Agile, Test Driven Development(TDD) |
| **Defect Tracking Tools** | JIRA, Bugzilla, Intercept, Jasper. |
| **Frameworks** | Spring, Spring MVC, Spring Boot, Spring Batch, Spring JDBC, Spring Security, Hibernate, Struts, EJB |
| **IDE** | Eclipse, WebStorm, IntelliJ, NetBeans, Visual Studio. |
| **Build Tools** | Maven, Jenkins, Docker, Apache Ant. |
| **Web/App Servers** | Apache Tomcat, JBoss, Web logic, WebSphere, Glassfish. |
| **Cloud Services** | Amazon Web Services (AWS). |

**Project Experience:**

**Client: Schneider national, Green Bay, WI Apr 2021 – Till Now**

**Role: Senior Java Full Stack Developer**

**Responsibilities:**

* Involved in gathering requirements, design, implementation, deployment, testing and maintaining of the applications to meet the organization’s needs using **SCRUM** methodology.
* Participated in scrum meetings and coordinated with Business Analysts to understand the business needs and implement the same into a functional design.
* **Implemented** the application using **Spring IOC, Spring MVC Framework, Spring Batch and Spring Boot** and handled the security using **Spring Security** and Involved in writing Thread Safe blocks for multithread transactions.
* Used **STS** for development and debugging **Spring Boot** applications, **Microservices** and deployed into **AWS**.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **Jenkins, and Bamboo**
* Developed both **Restful** and **SOAP** web services depending on the design need of the project.
* Migrated the data from **Oracle database** to the **Mongo database** using listeners and **Apache Kafka.**
* Worked on creation of custom **Docker** container images, tagging, pushing images, integration of **Spring boot**.
* Implementing or exposing the Micro services to base on **REST API** utilizing **Spring Boot** with **Spring** **MVC**. All the functionality is implemented using **Spring IO / Spring Boot** and **Hibernate ORM.**
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Experience in implementing and deploying Java EE design patterns such as **MVC**, Singleton, Factory, Observer design patterns in the development of Multi-Tier distributed Enterprise **Microservices** Applications.
* Develop and evolve Master Data Management (MDM) services in partnership with our strategic vendors
* Providing technical management for definition, estimation and delivery of data modeling, configuration and integration
* Utilize data from external provider to properly class MDM data components (customer category, sub-category, etc.)
* Developed **SQL Queries** to fetch complex data from different tables in remote databases using joins.
* Written optimized queries in the **Mongo DB** to increase the performance of the application.
* Tested REST and SOAP services using google chrome’s **POSTMAN** plugin.
* Created Spring Boot with **Microservices** utilizing **RESTful API.**
* I have extensively used **Angular 9** framework to create a **Single Page Application (SPA).**
* Integrated the Java code with **Angular 9** and responsible for setting up **Angular 9** framework for UI development.
* Developed and Migrated the application to Cloud using the Amazon web services (**AWS**) availing services of AWS **like EC2, Elastic Beanstalk, Elastic Search, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, RDS, Elastic ache, SNS, SQS, AMI** and **Dynamo DB**.
* Developed **Hibernate** classes to retrieve and save data using Spring Framework manager classes.
* Implemented **Service Oriented Architecture (SOA)** by developing and consuming RESTful web services and used **Microservices** to communicate using synchronous protocols **HTTP** and **REST**.
* Used **Apache Kafka** for reliable and asynchronous exchange of information between multiple business applications.
* Used most of the new features of **Java 8** like lambda expressions for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **Jenkins, and Bamboo**
* Worked on creation of custom **Docker** container images, tagging, pushing images, integration of **Spring boot**.
* Used **GitLab** for version control management.
* Developed test cases and performed unit testing using **Junit framework.**
* Using **Angular 8** we created custom directives for re-usable components.
* Created the **Docker** containers and **Docker** consoles for managing the application life cycle.
* Tested REST and SOAP services using google chrome’s **POSTMAN** plugin.

**Environment:** Java, J2EE, HTML5, CSS3, JavaScript, Angular 6/8/9, Microservices, Spring Boot, Spring Security, Hibernate, Restful, SOAP, Apache Kafka, XML, JSON, SQL, Mongo DB, PL/SQL, Oracle, STS, Hibernate, JIRA, Docker, AWS, Jenkins, Bamboo, Postman, Log4j, MDM, GitHub.

**Client: Express Script, St. Louis, MO July 2018 – Mar 2021**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Designed, configured and deployed **Amazon Web Services (AWS)** for a multitude of applications utilizing the Amazon cloud formation.
* Involved in creating **EC2 instances** and installed required configurations and applications on it and created S3 buckets for storing object level data into it.
* Used **React JS** to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Software development activities and ensuring process adherence and quality deliverable.
* Designed **REST** and **SOAP services.**
* Developed, implemented, and tested **Node.js** applications.
* Created some widgets using Kendo UI and successfully integrated Kendo UI components, **node.js** and module.js with polymer.
* Implemented AWS solutions using **EC2, S3, RDS, Elastic Load Balancer** and **Auto scaling groups,** Optimized volumes and **EC2 instances.**
* Used **Spring Boot**, which is radically faster in building cloud Micro Services and develop Spring MVC, based application with very less configuration
* Designed, developed, and tested **HTML5, CSS3, Bootstrap, JavaScript, jQuery** and **React.JS** that meets accessibility and web browser standards for website.
* Hosted and tested the application in **AWS** servers before publishing it in actual production environment.
* Worked in using **React JS** components, Forms, Events, Keys, Router, Animations, and Flux concept
* Used **React JS** for **templating** for faster compilation and developing **reusable components**.
* Virtualized the servers using **Docker** for the test environments and dev-environments needs, also configuration automation using **Docker containers.**
* Worked on creating, retrieving, updating, and deleting documents in **MongoDB**.
* Deployed **Spring Boot** based **micro services Docker** container using **Amazon EC2** container services and using AWS admin console.
* Experience in writing unit tests using **JUnit** and **Easy Mock**.
* Involved in rendering additional components with custom **HTML** tags using **React JS**
* Implemented generating the verification hash code using crypto package on **Node.JS** and Added user validations and user permissions by using the **Node.js.**
* Installed**Kafka** on the cluster and configure producer and consumer coding part in java to establish a connection from source to **HDFS** with popular hash tags.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using **Apache Kafka.**
* Utilize **EBS** to store persistent data and mitigate failure by using snapshots.
* Implemented **BDD** through **Cucumber**. Created the **Feature Files** for Cucumber Automation.
* Experience with tools like Experience with **Docker** Images/containers and **kubernetes.**
* Designed and developed the **RESTful** web services using the **JAX-RS API** to communicate over the network. Worked on presentation layer to develop **JSP pages and embedding CSS, JavaScript, DOM and H**TML.
* Implemented modular approaches for backend on **AWS Elastic Beanstalk** and implemented interfacing with **MySQL/Aurora DB** on AWS’s **RDS**, allowing for scalability.
* Configured and Maintained **AWS ECS Repository** for Deploying **Docker** Image by Creating a task definition, scheduling tasks and configuring clusters in the **AWS ECS** Console.
* Worked on design patterns which include **Decorator, Facade, Front controller**, Intercepting filter and MVC.
* Developed **Mockito** and **JUnit** test cases to improve code coverage.
* Tested the performance of our API using **SoapUI, Postman,** and **JMeter**.
* Used **Jenkins** server for code monitoring during code integration phase.
* Experience in developing, deploying and testing applications in an **AWS** environment using DevOps tools such as **Jenkins** and **Docker**
* Used **Ant/Maven** tools for building and deploying the Web applications
* Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.

**Environment**: HTML5, CSS3, JavaScript, React JS, AWS, Ajax, jQuery, JSON, JDBC, Bootstrap, Spring, Hibernate, Node.js, MySQL, JBoss, Apache Tomcat, Apache Kafka, Junit, Git, Jenkins, Docker, Kubernetes, Ant, Maven, Log4j.

**Client: Health Axis, Irving, TX Sept 2016 – July 2018**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in designing, developing, bug fixing, documenting and unit testing the application.
* Developed the project using Agile development methodologies and within Test Driven Environment.
* Deployed code in development environment to test and made patches in testing environment for testers to test it using **Confidential WebSphere**server.
* Used **HTML,** **XHTML**, DHTML, **Java Script**, Bootstrap**, AJAX**, JQUERY, **XML**, XSLT, XPATH, **JSP** and Tag Libraries to develop view pages developed the application using **SPRING** Framework that leverages Model View Controller (MVC) architecture.
* Implemented MVC pattern using **Spring MVC**, **Spring Boot**.
* Developed different dynamic UI Screens **using HTML, JQuery** and **JavaScript**.
* Developed using simple Struts Validation for validation of user input as per the business logic and initial data loading.
* Consumed **RESTFUL** web services using Angular **HTTP**Module and transformed the response using **RXJS** operators.
* Designed and developed **Spring** and **REST** based **Micro Services** using the **Spring Boot**, also developed **RESTful web services** with **JAX-RS** using Spring Boot and Micro Services Architecture.
* Co-coordinated Application testing with the help of testing team.
* Developed Controller Servlets, Action and Form objects for the process of interacting with Oracle database and retrieving dynamic data.
* Responsible for coding **SQL** Statements and Stored procedures for backend communication using **JDBC**.
* Prepared high and low level design documents for the business modules for future references and updates.
* **Micro Services** have been built using **spring boot, spring cloud** and deploying to **AWS Cloud.**
* Implemented utility classes which handle the string and date manipulation.
* Developed various **REST** controllers for different **HTTP** methods to serve the data in **JSON** for the UI and created Exception handlers to send **Http** codes with various Failure responses with **Spring** **REST**.
* Analysed customer requirements for enhancements and designed User Interface using **HTML** and **java script**.
* Configured **S3 Buckets** for EBS backed Snapshots and versioning for data backups and Leveraged **AWS** **cloud** as an extension of the corporate datacenter by creating a VPN connection between corporate datacenter and VPC using Customer and Virtual Private Gateways.
* Developed Action Classes, Action Form Classes, created JSPs using Struts tag libraries and configured in Struts-config.XML, Web.xml files.
* Developed **Test Cases** and unit testing using **JUnit.** Solving QA defects, scheduling fixes, providing support to production application.

**Environment:** Java, CSS, Micro Services, AWS, Java script, Angular JS, Angular 2/4, HTTP, HTML, JQuery, SQL,J2SE, J2EE, AEM, HTML5, JDBC, JSP, Web Logic Server, Spring, Spring boot, JSON, XML

**Client: Black Knight Jacksonville, FL** **Nov 2014 – Aug 2016**

**Role: Java Developer**

**Responsibilities:**

* Created and implemented Oracle Stored Procedures, Functions, Triggers and complex queries using **SQL**.
* Implemented the Consolidated applications front-end pages using **JSP's, JSTL**, and **Struts Tag Libraries**.
* Extensively used **CSS**3 and Bootstrap for styling the **HTM**L elements within the whole application.
* Responsible in providing pseudo application level code to interact with APIs, Web Services using **AJAX, JSON** and **XML.**
* Designed and implemented the User Interface using JavaScript**, HTML**, CSS, **AJAX**, **JSON** and **MySQL.**
* Wrote application level code to interact with the backend databases using **JQUERY, AJAX, and JSON.**
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Used **Micro services** to Recommend and develop strategy for integrating internal security model into new projects with **Spring Security** **and Spring Boot**.
* Integrated Rabbit MQ and spring JMS API to send and receive message for the application's Restful API.
* Designed the Web application implementing the **Struts framework** for **Model-View -Controller (MVC)**pattern to make it extensible and flexible.
* Implemented the architecture with **Struts-Config**, **Action Form classes** & **Action classes**.
* Developed the helper classes used by most of the components in this application.
* Extensively used **Struts** **UI** tags for developing UI Pages.
* Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers with both monolith and Micro Services Architecture.
* Implemented struts Action class and helper classes for performing business logic
* Performed application deployment on Web logic Server.
* Performed client side validations using Java Script

**Environment:** AWS, Java script, HTML, CSS, AJAX, Jquery, Json, Spring, XML, Struts, Web Services, Micro Services, SQL, Spring Boot, My SQL, Jenkins, Shell Scripting**.**

**Client: Ross stores, Dublin, CA Jun 2012 – Oct 2014**

**Role: Java Associate Developer**

**Responsibilities:**

* Designed and coded application components in an Agile environment.
* Implemented **Model View Controller (MVC-2)** Architecture using Jakarta Struts framework at presentation tier.
* Extensive use of **Struts** Framework for Controller components and view components.
* Implemented **Spring IOC** for inter connection between modules in our application.
* Designed and Developed UI using JSP by following **MVC architecture.**
* Developed back-end **PL/SQL packages, UNIX shell scripts** for data migration and batch processing.
* Created and customized **UNIX shell scripts** for automating regular maintenance and batch jobs.
* Involved in coding, building java applications using **Core java, Multithreading, JSP** and **Servlet.**
* Developed the application using Struts framework. The views are programmed using JSP pages with the struts tag library, Model is the combination of EJB's and Java classes and web implementation controllers are Servlets.
* Implemented **core java Multithreading, Collections, Exception Handling,** and **OOP's concepts.**
* **The Java Message Service (JMS)** **API** used to allow application components to create, send, receive, and read messages.
* Expertise in coding optimized SQL queries on databases like **Oracle**.
* Used **Struts frameworks** and **MVC** design patterns to complete several projects on complex areas of development including user interface design, batch processing, stored procedure development, XML, data exchange and integration.
* Involved in performing Unit and Integration testing **Junit**.

**Environment:** Core Java, J2EE, JSP, Struts, Spring IOC, EJB, Window