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**A dedicated and result-oriented IT professional possessing a passion for programming , developing well-designed and efficient code**

**SUMMARY**

* 7+ years of IT experience in **Design, Development, Implementation and Testing** of applications using **Java/J2EE**. Experience in implementing **Java EE** design patterns such as **MVC, Singleton, Abstract Factory, Session Façade, DAO, DTO** and business Delegate in the development of Multi-Tier distributed Enterprise Applications.
* Extensive experience in **Core Java** concepts like **Exception Handling, Multi-Threading, Synchronization, Serialization, IO, Collections, Framework, Java Beans.**
* Experience in developing **Java/J2EE** applications using **JSP, JSF, Servlets, Struts, Spring, Hibernate, Webservices (SOAP, REST), XML, XSD, XSL and JNDI.**
* Experience with **Spring MVC, IOC, Spring JDBC, Spring JTA, Spring IO, Spring Boot, Spring Dashboard,**

**Spring Microservices.**

* Expertise in ORM **Hibernate** , iBATIS, with JPA specifications, HQL, Caching, ACID transaction, Locking and implemented ODM framework like Mongoose for mapping **MongoDB**.tools
* Experience in data structures, algorithms, and object-oriented programming
* Experience in **Spring Security** for **User Access Management** and **LDAP** configuration for authentication.
* Good knowledge of latest version of object oriented JavaScript Libraries like Angular.js, Node.JS, Backbone, Bootstrap, React.js, Handelbars, and Dojo toolkit..
* Experience with Test Driven Development (TDD) and Dockers and Node.js.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** for mapping java classes with database using HQL. Experienced in working on modern **MEAN** stack- **MongoDB, Express.JS, AngularJS and NodeJS**.
* Knowledge and experience in working with messaging brokers like **Apache Kafka, Active Mq, Rabbit Mq.**
* Developed SQL queries, procedures, Triggers and Stored Procedures in database such as **Oracle, DB2** and **MYSQL**.
* Built NoSQL schemas and maintaining sessions by MongoDB.
* Experienced in working with multiple databases like **Oracle 10/11g, MySQL, MongoDB**, **Cassandra** and involved in converting Cassandra/SQL queries to Spark transformation using Spark RDDs.
* Experience in developing Applications using React JS, Redux, Angular, Typescript, ECMA Script 2015/ES6.
* Hands on experience with **Dev-ops** tools like **Docker, Kubernetes, Jenkins (CI-CD)** and knowledge on **Chef, Puppet, Ansible**. Experience in creating rules using Business Rules Engines like **Drools, ILOG, JBPM**.
* Experience in using build tools like **ANT, GRADLE, MAVEN** to compile, package the components to application servers. Experienced in developing **UNIX** shell scripts for batch processing.
* Maintained the **Selenium** and JAVA automation code and resources in source controls like **GIT**, **CVS, SVN**.
* Experience in configuring and deploying the applications and messaging on **Tomcat, WebSphere, WebLogic** and **JBOSS**.

**PROFFESIONAL EXPERIENCE:**

**Role: Sr. JAVA/J2EE FULL STACK DEVELOPER June 2021 – present**

**Client: US Bank,** **Irving, TX**

**Responsibilities:**

* Involved in Analysis, Design, and Development Production phases of the application .Used Spring Framework for Dependency injection and integrated with the JSF Framework and **Hibernate.**
* Experienced in using Spring annotations based on layer in applications like @Component, @Controller, @Service, @Repository , etc. annotations.
* Used **Microservices architecture**, with SpringBoot based services interacting through a combination of **REST and SpringBoot.**
* Developed presentation layer includes UI components, validations using HTML5, applying styles using CSS, used jQuery to make Ajax calls.
* Used JDK 1.8 for developing the application and made use of built in functional interfaces, lambda expressions and stream API for code refactoring.
* Implemented **Micro Service Architecture** using **Mongo DB**, **Angular** and **Node JS stack** and developed Single Page Applications (SPA).
* Developed Web Services to consume those Web Services as well other enterprise wide Web Services and **Micro web services.**
* Responsibilities include estimation and development of new modules using the AGILE process and pair programming
* Analyzed the business requirements and created use cases and prepared low and high level design documents.
* Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
* Used **Spring actuator**-configuring **Spring Boot** application, monitoring and invoking **HTTP** endpoints.
* Implemented the application using **Spring Boot** Framework and handled the security using **Spring Security.** Used **XML Web Services** using **SOAP** to register agents using non-java application.
* Worked with **J2EE** design patterns in **MVC architecture** with **spring**.
* Involved in the integration of frameworks like **spring** and **Hibernate**.
* Developed POJO's, Data Access Object (DAO) which handles all database operations using **Hibernate**.
* Implemented the application using **SpringBoot** Framework and handled the security using Spring Security.
* Used **WSDL** file information for invoking **Web Services**.
* Wrote classes and interfaces for implementing business logic and validations to be used while workflow execution.
* Involved in building single page cross browser compatible applications using **Angular** (Angular Routing).
* Created the **Nodejs** server to build MVC framework from front-end side **Angular** to back-end **Oracle.**
* Development of internal dashboard applications using the Apache HTTP Server.
* Used Docker as CI/CD tool for integrating different code components.
* Developed entire frontend and backend modules using Python on Django Web Framework.
* Development of **DAO** layer using **Hibernate** Template, **JDBC** Template and Mongo Operations.
* Expertise in implementing application using **Multithreading, JSF, Struts, Struts Validations, Taglibs, Log4j, spring, Hibernate Frameworks, Apache Camel,** Apache Karaf .
* Implemented agent-server messaging dialog using **Camel** and **JMS** (Active MQ implementation)
* Part of the team migrated from WebLogic JMS to Active MQ.
* General form validation was done using ES6 closures for Widget-app module.
* **OAUTH 2.0** authentication frame work is used to provide security to Restful web services by generating access token in order to access protected resources.
* Built Web pages that are more user-interactive using AJAX, JavaScript, and ReactJS
* Designed and documented REST/HTTPAPIs, including JSON data formats and API versioning strategy.
* Created EC2, S3, SQS, Lambda instances using cloud formation Templates on **AWS**
* Implemented the framework to migrate Relational data to Non-relational data stores and to run performance tests against different NoSql vendors.
* Wrote **Kafka** producers to stream the data from external rest APIs to Kafka topics.
* Designed the Web application layout and forms using **HTML5,** CSS3, JavaScript, JSP, Jquery, and Bootstrap.
* Unix Shell Scripting was used for scheduling batch jobs.
* Working with Pivotal cloud foundry to deploy and run the applications through Jenkins
* Configured Docker container service and build pipe line. Handled all the port mapping/binding things that happen with **Dockers** and Containers.Implemented HTTP REST API using Node Js and express.
* Implementation of second level cache in **Hibernate**.
* Developed Ant Scripts for the build process and deployed in IBM WebSphere.
* Authentication and Authorization is implemented by **Spring Security.**
* Wrote build & deployment scripts using **Ant**, **Maven** on Unix environment.
* Developed unit test cases using Mockito framework for testing accuracy of code and logging is done using SLF4j + Log4j.
* Created Jenkins jobs and pipelines and integrated python scripts to communicate to AWS resources.
* Created Test Automation Framework with Cucumber
* Experience in using Drools rules engine for defining business rules and Validations.
* Experience with **Docker** images, Containers, push/pull with **Spring Boot**, used Jenkins for CICD.
* Involved in the deployment of the application using WebLogic Server**.**
* Used **GIT** for Version Controlling.

**Environment:**Java1.8, J2EE, JSP, SOAP, REST, Servlet, Spring, Hibernate, Angular , WebLogic, Oracle, XML, Java Script, CSS, HTML, Cassandra, Node Js, Json,JUnit4, Ant, Jenkins, Maven, Agile, Apache Camel.

**Role: Sr. JAVA FULL STACK DEVELOPER Jan 2020 – May 2021**

**Client: CVS Healthcare, Scottsdale, AZ**

**Responsibilities:**

* Experience working in **Agile** development following **SCRUM** process, Sprint and daily stand-up meetings.
* Developed applications using new features of **Java 1.8** like Annotations, Generics, enhanced for loops and Enums.
* Implemented **Micro Services** based Cloud Architecture using Spring Boot and implementation of Business Services using the Java8 and Spring Boot.
* Developed the application using J2EE Design Patterns like Business Delegate, Factory, Singleton, Session Facade, Service Locator and DAO and also implemented **JMS** API in J2EE
* Created arrange loop directive and components like **data binding**, **dependency injection** in **Angular.**
* Worked with advanced MVC framework such as **Spring-IOC, MVC** and Batch to implement backend functionality.
* Heavily used **Spring Inheritance, Auto Wiring, Core-Container, Security, ORM** modules as part of migration from EJB to Spring, **Spring Quartz** for scheduling tasks to generate reports.
* Developed Python batch processors to consume and produce various feeds.
* Implemented **SOA** to develop **Spring Restful** and implemented **Spring Eureka**, **Netflix, Ribbon.**
* Participated in coding **Spring AOP** components for the **Logging, Exception handling** and **Transactional** Models.
* Developed **Spring Boot** application with **microservices** and deployed in **AWS** using **EC2** instances.
* Used **Spring Boot** based services to interact through a combination of **REST** and **Apache Kafka** message brokers.
* Experienced in moving data from different sources **using Kafka producers, consumers and pre-process data using Storm topologies.**
* Used React JS for creating reusable UI components.
* Used **Angular Routing** for navigating between screens and developed several reusable directives.
* Developed API for using **AWS Lambda** to manage the servers and run the code in the AWS.
* Developed **Web API’**S using **Restful** web services which can be accessed from various tools .
* Deployed Spring Boot based microservices in Docker and Amazon EC2 container using Jenkins
* Worked on the creation of custom **Docker** container images, tagging, pushing images, integration of **Spring Boot**.
* Used **Hibernate JPA, Object/Relational-Mapping** (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL based schema.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions** and **Hibernate cache concepts.**
* Hands on experience with **Cassandra** Installation, Configuring, Monitoring and Designing Shared Environment.
* Worked on **MongoDB** concepts such as locking, transactions, indexes, replications, schema design.
* Followed **Java and J2EE** design patterns like **Singleton, Service Locator, Session Façade, DAO** during development. Developed API for using **AWS Lambda** to manage the servers and run the code in the **AWS**.
* Performed configuration, deployment and support of cloud services including **Amazon Web Services (AWS).**
* Configured **AWS Identity and Access Management** (IAM) Groups and Users for improved login authentication.
* Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other Lambda functions (Including EC2, MongoDB focusing on high-availability, fault tolerance, and auto-scaling).
* Developed applications using **Rule Engines Drools4.x, Work Flows**, Human tasks to implement business rules validations. Integrated the **JBPM** with the Spring Framework in the enterprise layer.
* Designed and implemented **Oracle 11g** database to record the collateral securities and settlement data.
* Wrote **SQL** queries, stored procedures and enhanced performance by running explain plans.
* Developed **Maven** scripts and developed builds using Maven and continuous integration servers like **Jenkins**.
* Experience with **JBoss** application server to deploy the applications and configure multiple data sources messaging.
* Jenkins and ANT scripts for automating the process of building, testing and deploying the system
* Executed test scripts using **Selenium web driver** and analyzed the test results and implemented navigation using Spring MVC controllers and configured controllers using Spring MVC annotations and configuration files.
* Worked with **GIT** as a version control tool in the project and done unit testing with **Junit** and **Mockito.**

**Environment**: Java 8, J2EE, Spring, Spring Boot, Spring Security, Hibernate, , HTML5, CSS 3, JavaScript, Jquery, JBoss, GIT, GitHub, Kafka, Apache Camel, , Docker, AWS, JUnit, Jenkins, MongoDB, Oracle

**Role: Sr. JAVA/J2EE FULL STACK DEVELOPER July 2018 – Dec 2019**

**Client: Aetna , Hartford, CT**

**Responsibilities:**

* Involved in various **SDLC** phases like Requirement gathering, Design, Analysis, Code development and Deployment. Applied **Agile** Test Practices **SCRUM**, Scripted Test Cases for Test Driven Development TDD and developed test cases for story card based on Acceptance Test Driven Development ATDD.
* Active in coding some of the **Core Java** concepts such as collections, generics and **multi-threading**.
* Followed the best practices in coding like removing unnecessary casting, using generics in **Hash Map**, **caching**, Collections like sort, comparator, list, set and Design patterns. Developed Interactive web pages using **HTML5, CSS3 and JavaScript.** Develop various screens for the front end using **Angular JS** and used various predefined components from **Node NPM**.
* Developing web pages using **HTML5**, **CSS3**, **JavaScript** and used twitter **Bootstrap** for cross browser compatibility.
* Extensive experience with **AngularJS**, creating custom directives, decorators, and services to interface with both restful and legacy network services also **DOM** applications.
* Involved in implementing the complete Application in the in-build **MVC** Architecture with AngularJS. Used date-format and moment packages in **Nodejs** to save the timestamp in database converting into GMT.
* Created proof-of-concept using responsive web design Nodejs, HTML5, and CSS3.
* Implemented Multithreading, Concurrency, Exception Handling and Collections whenever necessary.
* Developed spring-based presentation layer, hibernate based **DAO** layer and integrated them using Spring Dependency injection, **ORM** and Web modules.
* Spring Transaction is used for the degree of isolation to work with other transactions and to execute within a transaction scope to run that transaction and used to check out before timing out of the transaction.
* Created AWS EBS volumes for storing application files for use with **AWS EC2** instances whenever they are mounted to them.
* Used **AWS** (**Amazon Web Services**) stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) Deploying, managing and operating scalable, highly available, and fault tolerant systems.
* Used AWS **SDK** for connection to **Amazon S3 buckets** as it is used as the object storage service to store data.
* Extensively worked on JPA as persistence layer, involving EJB3.0 annotations.
* Spring Boot Micro services were developed with micro service architecture using **SOAP** and **Apache Camel**.
* Integrated configured Camel with **ActiveMQ** to use it as bus.
* Implemented a SOA compliant system working on various transactional messaging using Camel and used **Session BeansMessage Driven Beans**.
* Worked on **Jenkins** and **Docker** interactively and integrating together for end to end automation of builds and deployment.
* Configured the Hibernate configuration files to persist the data to the **Oracle** database.
* Created connections to database using Hibernate Session Factory, using **HibernateAPIs** to retrieve and store images to the database with Hibernate transaction control.
* Used **XML** Web Services using SOAP protocol to transfer the amount to other application that is remote and global to different financial institutions.
* Wrote code Web Services **(JAX-WS)** for external system via SOAP/HTTP call and to fetch data from web services via JSON response and updating HTML pages.
* Used **Log4j** framework to log/track application.

**Environment:** HTML, CSS, Bootstrap, AJAX, Multithreading, JavaScript, , Spring , Hibernate , Soap UI, Maven, SVN, JIRA, Web sphere, SOAP web service, Unix/Linux,Oracle.

**Role: Sr. Java/J2EE Developer Oct 2017 – June 2018**

**Client:Walgreens, Chicago, IL**

**Responsibilities**:

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development and Customization of the Application.
* Used **Spring** Inversion of Control (IOC) for injecting the beans and reduced the coupling between the classes. Implemented the Model View Controller using **Spring** MVC.
* Evaluated system performance and validated NoSQL solutions.
* Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC**
* **Web services** by exchanging XML data between applications over HTTP.
* Used **JMS** for the asynchronous exchange of critical data and events among J2EE components. **Publisher-Subscriber** method was used for data loading and **Point-To-Point** method of **JMS** was used for event processing. Involved in writing **DAO, DTO’s** using Hibernate DAO Support.
* Implemented persistence layer using **Hibernate** that uses the POJOs (which do not have the business processes) to represent the persistence database tuples. Worked with **POJO** for handling data coming from the legacy systems.
* Utilized Object Oriented Programming in **JavaScript** and **DOM** structure to implement various functionalities and **DOM** parser to parse the XML documents and **XSLT** for transformations.
* Extensively used the JavaScript and **jQuery** plug-in to fetch and display the data on web pages
* Continuous integration services are provided for software development using **JENKINS**.
* Implemented security for different front-end views based on the access privileges.
* **Spring with Tiles Framework** is implemented for a common look in all the presentation views.
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
* Used **J2EE design** patterns like Value Object Pattern, S**ession façade, Singleton, Factory** and **DAO**.
* Developed **JUnit test cases** for DAO and Service Layer methods for all the developed modules.
* Executed test scripts using **Selenium** web driver and analyzed the test results and implemented navigation using Spring MVC controllers and configured controllers using Spring MVC annotations and configuration files.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
* Used **GIT** as Version Control and **iText** to generate **pdf** in the form of a tree. Done unit testing using **Test NG**. Used **GIT** as version management, **JIRA** for defect management system.
* Used **Log4J** to capture the log that includes runtime exceptions.

**Environment: Java, J2EE, Spring, Spring DI,** , **Spring Security, SOAP, WSDL, JAXWS, JAXRPC, JMS, Hibernate, HTML5, CSS3, JavaScript, jQuery, JENKINS**, **JSP, AJAX, ANT, GIT, JIRA.**

**Role: Java /J2EE Developer Apr 2015 – Sep 2017**

**Client: Standard Chartered Bank, Pakistan**

Responsibilities:

* Used Spring Framework as middle tier application framework, persistence strategy using spring support for Hibernate for integrating with database.
* Created documentation of the application.
* Developed Servlets and JSP for Data retrieval implementation with User Interface.

Configured JDBC with SQL/PLSQL for database connectivity.

* Involved in system design and development using Collections and multithreading for the action classes
* Responsible for writing Struts action classes, Hibernate POJO classes and integrating Struts and Hibernate with spring for processing business needs.
* Created tables, triggers, stored procedures, SQL queries, joins, integrity constraints and views for multiple databases.
* Developed User Interface using JQuery.
* Worked as a Core Java Developer and responsible for Deployment and necessary configuration of WebSphere Application Servers.
* Used Log4J to capture the log that includes runtime exceptions.

**Environment:** Java, J2EE, , Spring ,JPA, Hibernate, SQL,, SVN.

**Education :** Bachelors of degree