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**SR.JAVA/J2EE FULLSTACK DEVELOPER**

**OBJECTIVE:**

**Over 8+ years of experience and backed with rich domain knowledge, understanding and practical knowledge of several IT technologieswith challenging assignments to amalgamate personal enrichment with professional goals.**

**PROFESSIONAL SUMMARY:**

* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iteration methodology, Agile Development** &**Testing using Software Development Life Cycle.**
* **Developed core modules in large cross-platform applications using JAVA, J2EE, spring, JSF, Hibernate, JSP, Servlets, EJB, JDBC, Web Services (SOAP, REST), and Micro Services.**
* **Responsible for maintenance of batch jobs, implemented Spring Batch for huge number of transactions.**
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator Session Facade, DAO, DTO, and Business Delegate** in the development of Applications.
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies Such as **Spring, Hibernate, EJB, JPA, JSF, Struts framework, Servlets 3.x.**
* Experience in spring modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Micro services, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, and Spring Zuul.**
* Experienced in working with **Spring JDBC** and **JMS** Templates, **Spring EAI**, **Spring Rest Templates**.
* Good knowledge in **OAuth 2.0 Protocol, Http Basic AUTH, and multiple file transfer protocols (SFX, SFTP, and FIX).**
* Knowledge of **using Cloud Foundry** (CF) CLI for deploying applications and other **CF** management activities.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language** (HQL), HSQL Named Queries, Criteria, Projections, and Envers.
* Experienced in implementing Service oriented architecture and Web Services using **SOAP, RESTFUL**.
* Worked with **Micro service**s patterns – **Circuit Breaker/Hystrix, DDD, Aggregator, and Proxy Chaining**.
* Knowledge in UI such as **JQuery, Ajax,JavaScript, NodeJS, Reacts, BackboneJS, Angular js, Angular2, Custom Tags**.
* Experienced in validati4ons using **Ajax** in NodeJS, **Angular js**, dash boards reports using **BackboneJS**.
* Extensively used different Tag Libraries like **JSF Tags, Struts Tags, JSTL, Spring Tags, and Display Tag**.
* Experienced in implementing **custom validations, entity validations, and I18N features.**
* Experienced in developing complex **PL/SQL** queries, Functions, Triggers,Stored Procedures, Packages and Views in various databases such as Oracle, DB2 and My SQL.
* Experience in working with **NoSQL** databases like **HBase**, **MongoDB, and Cassandra**.
* Experience in using Amazon Web Services **AWS**. Extensive experience focusing on services like **EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic ache, SNS, ECS, RDS** and **SQS**.
* Speeding up Existing Applications with a Cache services using **Redis Cache, Gemfire**.
* Experience with **CI/CD-ANT, MAVEN, GRADLE, JENKINS, CVS, GIT, GITHUB.**
* Experience in JUnit frame work with **Mockito** and Easy mock, **Spring Junit Runner**.
* Experience with messaging systems like **JMS**, **Kafka** and **JMS MQ's** like **Rabbit MQ**, **IBM MQ**, **Active MQ**
* Experience in configuring and deploying the applications into **Tomcat, Nginx, WebSphere, WebLogic** and **Jboss.**
* Experienced in Development, testing and deployment of enterprise applications on Windows & UNIX platforms using IDE's such as **Eclipse, Rational Application Developer (RAD), NetBeans, Intellij.**
* **Experience in working with web servers like Tomcat 8, WebSphere 8.x/9.x, Jetty, JBoss7.1.0 and WebLogic 10.0.**

**TECHNICAL SKILLS:**

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| **Languages** | **Java 1.8, J2EE** |
| **Web Technologies** | **SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlets API 3.0** |
| **Frameworks** | **Spring 4.3, Hibernate 4.3, Angular JS 1.0/1.5/2.0, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, WebSphere MQ 7.5** |
| **Relational Databases** | **Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1** |
| **NoSQL Databases** | **MongoDB, Cassandra** |
| **Internet Technologies** | **HTML 5, JavaScript, XML 2.0, CSS 3, JQuery 2.11, Angular JS 2.0, Node JS 6.0.** |
| **Cloud Environments** | **AWS, Netflix Eureka, Kubernetes.** |
| **Operating system** | **Windows 10, Linux, Unix** |
| **Bug tracking Tools** | **JIRA 7.0, Bugzilla 4.4.12** |
| **Reporting Tools** | **Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0** |
| **Methodologies** | **Agile, waterfall, TDD (Test-Driven-Development), Scrum** |
| **Developer IDE Platforms** | **Eclipse, Net Beans 8.0.2, Intellij 2017.1, Spring Tool Suite (STS) 3.8.3** |
| **Build Tools/CICD Tool** | **Ant 1.10, Maven 3.3.9, Gradle 3.4.1, Jenkins** |
| **Version Control** | **Git, GitHub, SVN, Bit bucket** |
| **Web Services** | **SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS,** |

**TECHNICAL EXPERIENCE:**

**Client: American Airlines, Fort Worth, TX June 2017 – Till Date**

**Role: Java Full Stack Developer**

**Description:**American Airlines, Inc. is a major United States airline headquartered in Fort Worth, Texas, within the Dallas-Fort Worth. It is the world's largest airline when measured by fleet size, revenue, scheduled passengers carried, scheduled passenger-kilometers flown, and number of destinations served.

**Responsibilities:**

* Followed **Agile Software Development** Methodology to build the application iteratively and incrementally. Participated in scrum related activities and daily scrum meetings.
* Designed dynamic and browser compatible pages using **HTML5, CSS3 Preprocessor’s(SASS/LESS), JavaScript, Bootstrap, Ajax, AEM, Web Services XML, schemas**.
* Developed **Adobe AEM** templates and reusable components, and Configured **AEM** Authoring & Publishing Instance.
* Used **AEM tagging** features in developing components and templates.
* Involved to implement various screens for the front end using **React.js** and used various predefined components from **NPM** (Node Package Manager) and redux library.
* Experienced in **Day CQ** and associated technologies like **Sling, OSGI, Felix, JCR, CRX** Integration with SQL server and store/fetch information from backend sub-system
* Simplifies the Code, execution of tasks in asynchronous mode using **multithreading -Executor Service Framework**.
* Used **java8Lambda expressions** along with **Streams** for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection.
* Used **IBM MQS** to Listen the Flight Messages and Implemented Listeners to Process the Data.
* Secured the API's by implementing **Oauth2 token**-based **authentication** using **Spring Security.**
* **Used spring core for dependency injection/inversion of control (IOC), and integrated with Hibernate.**
* Implemented **Restful Services** in **Spring Boot Framework** for consuming and producing **JSON Data**.
* Implemented **SOA** to develop **Spring Restful/Micro Services and implemented Spring Eureka, Netflix, Ribbon as part of Services Discovery** usin**g Apache Axis**.
* Building cloud **microservices** and implementing back-up using **Spring Boot**.
* Used **Micro Services** with**Spring Boot**services and combination of **REST, Apache Kafka** message brokers.
* Worked on creation of custom **Docker container images, tagging, pushing images, integration of Spring boot**.
* Provided cloud environment for Micro services using spring cloud **Netflix (Eureka server).**
* **Implemented Fail Safe and circuit breaker patterns in Spring Boot Micro Service applications using Hystrix and monitored the services using Hystrix Dashboard.**
* Used **Feign Client** to communicate with Internal Micro-Services and **Rest Template** to communicate with Third Party Services like Travelliance.
* Used **Micro Services** with**Spring Boot**services and combination of **REST.**
* **Amazon Simple Queue Service (AWS SQS)** is used to managed message queuing service that makes it easy to decouple and scale microservices, and serverless applications and Communication with External Services.
* Heavily used **joins stored procedures, views, Unions in Oracle data base to fetch the data.**
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the Oracle 11g database, implemented **transactions, proxies, locking, HQL, Criteria, Projections** and **Stored Proc calls**.
* Created Generic Dao Custom Implementation Using **Spring Data Jpa**.
* **Hibernate** framework is used on DAO layer to persist application data into Oracle database.
* Used **HibernateEnvers** to Maintain Historical Data and Implemented **Optimistic Locking** in application.
* Implemented **Spring Boot encryption** using PBEWithMD5AndDes Algorithm.
* **Kubernetes** is configured for automating deployment, scaling and management of containerized applications.
* Monitored Health check and managed the application when it’s pushed to production by using **Spring Actuator**.
* Developed **REST API's** using **Spring MVC** and **Spring boot**, hosted all micro services on **Pivotal Cloud Foundry(PCF)**.
* Configured **Load Balancer Health checks** for Cloud Foundry Routers**(PCF)** and Implemented customized routers.
* Worked with **Splunk**for searching the log, routing the logged data and forvisualizing the logged data.
* Used **SOAP UI,Postman, Rest Client**, **Spring Mock MVC, spring 4Junit** for testing the **web services.**
* **Worked with several testing frameworks such as JUnit, Easy Mock, Mockito and Power Mock.**
* Used **Maven/Nexus** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **GITHUB, Jenkins, and Jenkins Jobs.**
* Used **GIT repository** to push the code and interact with other developers throughout the company.
* Used **Jenkins CI/CD** build server to perform Pull Requests and Dev environment builds.
* Actively used the defect tracking tool **Rally** to create and track the defects during QA phase.

**Environment: Java 8.0, spring 4, AEM, Hibernate 4.2, Spring Boot, JPA**, **JavaScript,HTML 5.0, CSS3,React.js, Bootstrap, Apache Tomcat**,**STS**,**Oracle 11g,Log4J, JUnit, Easy Mock, XML, Web Services, SOAP UI, Netflix Eureka,Spark, Netflix Ribbon,PCF,Maven, Git, PCF, Eureka Server, Hystrix, Ribbon**, **Agile, Spring Cloud Netflix**, **ELK, GIT, Splunk, AWS SQS.**

**Client: Master Card, St. Louis, MO March 2016 - May 2017**

**Role: Java Full Stack Developer**

**Description:**  MasterCard Worldwide is an American Multi-national financial service corporation in which the business is to process payments between the Merchant's Banks and the card issuing banks or credit unions of the purchasers.

**Responsibilities:**

* **Developed and tested modules using Agile (SCRUM) methodologies and developed Technical design documents.**
* Involved in preparing System Requirements and detailed Design document for the project.
* The application is built based on **Microservices Oriented Architecture** and developed dynamic single page applications using **MEAN** Stack (**Angular 4.0** framework with **HTML5, CSS3)**.
* Involved in Migrating from **Angular 2 to Angular4**components, implemented Interpolation, input variables, Bootstrapping, NgFor, NgIf, Router Outlet, binding the events, decorators.
* Involved in building a high efficiency Dynamic single and multiple Web Application Using **Bootstrap.**
* Implemented features using **spring**, **such as Injection**, **IOC**, **Annotations** and **integration** with **Hibernate**.
* Implemented application architecture of the System is based on **Spring MVC** and **J2EE** specifications.
* Developed high traffic application using **Spring MVC 4.x**& Boot 1.2.x and deploy them for high scalability.
* Involved and developed all phases of security implementation using spring security system against modes of authentications: **LDAP authentication, Database authentication and Pre-Authentication.**
* **Involved in writing Thread safe blocks for Multithreading access to make valid transactions.**
* Developed the persistence layer using **Hibernate Framework** by configuring the various mappings in hibernate.
* Designed **MongoDB** Schema and Worked with to store non-relational data into collection.
* Involved in writing SQL and Stored Procedures for handling complex queries with help of **TOAD** and access them through Java Programs from **Oracle Database**.
* Developed **REST API** using Spring MVC and **REST Controllers** and generated JSON/XML formats.
* Developed REST web services using spring, Hibernate, **JAX-RS** and **JAXB**.
* Designed and developed **Micro Services** to divide application into business components using **Spring Boot**.
* Worked on setting up **Maven scripts** to build, package, and deploy application code to the target Apache Tomcat Servers and worked on continuous integration servers like Jenkins.
* Worked on developing Restful endpoints to Cache application specific data in in-memory data clusters like Redis and exposed them with Restful endpoints by using **Redis Cache**.
* Provided integration between the on-premises IT environment and the AWS storage infrastructure with the help

Of storage gateways and Integrated data spread across multiple **AWS services** and analyze it from a singlelocation by make use of **AWS Data Pipeline**.

* Created customized AMIs based on already existing **AWS EC2** instances by using create image functionality and created **S3 buckets** for storing object level data into it.
* Used **Spring Tool Suite (**Used **Docker** for creating **Docker images** for **launching containers** on **AWS EC2.**
* Worked Integration of AWS, Elastic Search, Beanstalk and **Docker** with **Kubernetes**.
* Used **Apache Camel** for generating routes for consultant microservice where consultants can login.
* **STS)** as an IDE for Application Development.
* Experience with creating script for data modeling and data import and export. Extensive experience in deploying, managing and developing **MongoDB clusters**.
* Integration of Maven/Nexus, Jenkins with Patterns/Release, Git.
* Worked with **ELK**stack for searching the log, routing the logged data and forvisualizing the logged data.
* Used **Swagger,** to implementing the Restful API and Swagger gives the rich UI to test API.
* Used **GIT** as version management, Jira for defect management system.
* Used **JUnit** for unit testing of the application and **log4j** for logging.

**Environment*:*XML, Bootstrap, HTML5, JavaScript, CSS3**, **Ajax, Spring4.x, Hibernate4.x, Git, AWS, ELK, WebSphere7**.**5, Web Services,JMS, SoapUI, MongoDB,JSON, Maven/Nexus, Elastic Search, Log4j, Oracle DB, Kubernetes, Docker.**

**Client: T-Mobile - Bellevue, WA July 2014– Feb 2016**

**Role: Java/J2EE Developer**

**Description:** The One Point Universal System (OPUS) is a Cingular Wireless system that enables store customer service employees to effectively activate phones, assist customers with their mobile phone accounts, and perform Point-of-Sale (POS) activities. The application is primarily used in Cingular Wireless retail stores. Within the application, you can perform the following functions: Customer Service, Activations, Point of Sale, Inventory functions, Administration, Link to other applications and Web sites.

**Responsibilities:**

* **Experienced with Software Development Life Cycle (SDLC) with object oriented of business process and worked on developing Service oriented architecture applications in agile development environment.**
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose.**
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
* Implemented **Agile Methodology** for development of the application.
* Used **J2EE design** patterns like Value Object Pattern, S**ession façade, Singleton, Factory** and **DAO**.
* **EJB** Session Beans were used to process requests from the UI, CMP entity beansto interact with the DAO layer.
* Designed applications that execute on various browsers such as Internet Explorer, Mozilla Firefox, Google Chrome, and Opera using various debugging tools like **Firebugs/IE Developer Tools**.
* Utilized OOP in JavaScript and DOM structure to implement various functionalities.
* Involved in implementing the changes in user interfaces using **HTML5, CSS3, JavaScript,and AJAX.**
* Extensively used the JavaScript and **jQuery** plug-in to fetch and display the data on web pages.0
* Implemented security for different **front-end views** based on the **access privileges.**
* Developed **EJB MDB’s** and message Queue’s using **JMS** technology.
* Involved in writing **XML** validation classes using Struts validation framework.
* Used **XML Web Services** using **SOAP** to register agents using non-java application.
* Developed services that are reusable and interoperable, using **SOAP, WSDL, JAXWS, JAXRPCWeb services**.
* Used **JMS** for the asynchronous exchange of 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 requirements gathering and Capacity planning for Multi-Datacenter (four) and **Cassandra** Cluster Used for **Oracle DB** Database related activities.
* Created Spring Interceptors to validate web service requests and to enable notifications.
* Used OOPS design and core Java concepts such as Collections, Multithreading, and Exception Handling.
* Monitored Cassandra cluster for resource utilization and systems backup and recovery using **Cassandra.**
* Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Action Classes, Struts** and **spring beans**.
* Involved in designing and deploying multitude applications **AWS** stack (Including **Route53, Cloud front, S3, Elastic Beanstalk, ELB, RDS, AWS Aurora, VPC, IAM**) focusing on high-availability, fault tolerance, and auto-scaling.
* Involved in writing **DAO, DTO’s** using Hibernate DAO Support.
* Continuous integration services are provided for software development using **JENKINS**.
* Developed **JUnit test cases** for DAO and Service Layer methods.
* Used **SVN** for version control And Used **Log4J** to capture the log that includes runtime exceptions.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.

**Environment: Core Java, J2EE, JSP, EJB,** OOAD, **Oracle, Cassandra, HTML,** EJB3, AJAX, JMS, XML, Design Patterns, JENKINS, **ANT, Rationale Rose, IBM RAD IDE, WebLogic Application Server, Hibernate, LOG4J, SVN, TOAD,** JUNIT, UML, AWS.

**Client: First Federal Bank - Defiance, OH Oct 2012 – June 2014**

**Role: Java/J2EE Developer**

**Description**One of the 20 largest independent bank holding companies in USA is First Federal Bank Corporation, with more than 750 branches, free account access at more than 1800 Federal Bank places. It maintains variety of products including lines of credit, demand noted, term notes, letters of credit. It also deals with Collateral information such as vehicles, mortgages and trust accounts.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Implemented Spring and J2EE based **MVC (Model-View-Controller)** framework for the application.
* Used **Hibernate Framework** for object relational mapping and persistence.
* Configured Hibernate session factory to integrate with spring and generation of database schema.
* Responsibilities as a XSLT web developer include design and develop the websites with the java and XSLT and Worked with Tag Libraries in Struts framework.
* Involved in development using struts components - **Struts-config.xml, tiles,** form-beans and plug-ins in Struts.
* Used multiple Action Controllers to control the page flow, Interceptors for client validations.
* Created Spring Interceptors to validate web service requests and to enable notifications.
* Worked on **Java Message Service(JMS)** API for developing message-oriented middleware(MOM) layer for handling various asynchronous requests.
* Developed **REST API** using Spring MVC and **REST Controllers** and generated JSON/XML formats.
* Used OOPS design and core Java concepts such as Collections, Multithreading, Exception Handling.
* Developed unit test cases using JUnit and used Log4J for logging and debugging.
* Used **MySQL** as backend database and involved in development of Stored Procedures.
* Used **SVN** as a version control to track and maintain the different version of the project.
* Created Maven scripts to build and deploy the application.
* Experience in defect resolutions and configuration management change processes to support applications in PROD and integration testing environments.

**Environment:JDK, J2EE, Spring, Hibernate, REST Web Services, HTML5, CSS3, JavaScript, Bootstrap, AJAX,**

**JSON, Apache Tomcat, Apache Maven, JUnit, Log4j, JIRA, Jenkins, MySQL, SVN, Windows.**

**Client: Medicision - Wayne, PA Nov 2010– Sep 2012**

**Role: Java/J2EE Developer**

**Description**Medicision is leader in HealthCare Management, having server-side web application for their different health care providers. Customer will choose different health care benefits out of the plan options available. The services will enable them to manage health insurance products, features, benefits and benefit values and attributes. Client interacts through web interface with web services written at back end to fetch data from database and select their plan benefits.

**Responsibilities:**

* Involved in designing and implementing the application using various Java and J2EE Design patterns design patterns such as Singleton, Business Delegate, Façade, MVC and Data Access Object (DAO).
* Developed UI using Spring view component, **JSP, HTML, CSS, JavaScript**.
* Utilized Spring MVC annotations and XML configuration for Dependency Injection.
* Implemented Persistence layer using Hibernate to interact with the **MySQL database**.
* Involved in writing all formats of database quires like **SQL, HQL in DAO layer**.
* Configured Hibernate second level cache using **EH-Cache** to reduce the number of hits to the tabledata.
* Developed REST web services using Spring, Hibernate.
* Used JMS Template to publish messages to queues and **Message Driven Bean (MDB)** to subscribe from the JMS.
* Extensively used Java **Multi-Threading** concept for downloading files.
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and those defects are resolved.
* Was part of production support team to resolve the production issues.
* Used Jenkins as a continuous integration tool for application building, testing and deploying.
* Used **Intellij IDE** for developing code modules in the development environment.
* Used **CVS** version control to track and maintain the different version of the project.

**Environment: Core Java, J2EE, JSP, EJB,** OOAD, **Oracle, Cassandra, HTML,** EJB3, AJAX, JMS, XML, Design Patterns, JENKINS, **ANT, Rationale Rose, IBM RAD IDE, WebLogic Application Server, Hibernate, LOG4J, SVN, TOAD,** JUNIT, UML.

**Client: Icon Solutions, India Sep 2009 – Oct 2010**

**Role: Jr. Java Developer**

**Description:** Component Administration is an Application which will be used by I.V. technology Sales and Marketing division for performing Dynamic and effective pricing of their products. Componentization describes the dynamic web based discounting, pricing and componentization capabilities and tools. The required capability is for a Web Based Dynamic Component catalog featuring defined components, Elements and Parents.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (**SDLC**).
* Used **Rational Rose** for the Use Case Diagrams, Object Diagrams, Class Diagrams and Sequence Diagrams to represent the detailed design phase.
* Created **Servlets** which route submittals to appropriate **Enterprise JavaBean** (**EJB**) components and render retrieved information.
* Developed **Session Beans** to process requests from the user and used **entity beans** to retrieve and update customer information.
* Involved in writing the exception and validation classes using **Strutsvalidation rules**.
* Used **WebSphere Application Server** for deploying various components of application.
* Persistence layer was implemented using **Hibernate** Framework.
* Front-end is designed by using **HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts**.
* Involved in developing the **CSS** sheets for the UI Components.
* Used **JavaScript** for the web page validation.
* Monitored the **error logs** using **Log4J** and fixing the problems.
* Wrote **PL/SQL stored procedures**, **Prepared statement** and used **API**.
* Involved in writing and executing **stored procedures**, functions and triggers for **Oracle** to create a Database Management System.
* Used **JUnit**for unit testing.

**Environment: J2EE, Java SDK, XML, SAX, JSP, JMS, HTML, JavaScript, Struts, Hibernate, Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, EJB, RMI, JNI, WebSphere Application Server, ANT, CVS, Oracle .**