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**Expertise Summary**

* Over 8+ years of experience in developing**,** analysis, design, and testing internet Web-based applications, **Client/server** applications**, J2EE** Architecture, **OO Design patterns.**
* Experience in working with various Software Development Life Cycle like, **Waterfall Model V-Shape Model Iterative Model and methodologies** based on **Agile, Scrum, Iteration**and **TDD.**
* Expertise in the implementation of **core java** concepts of **java, J2EE Technologies, JSP, Servlets, JSF, JSTL, EJB** transaction implementation, **JMS, Struts, Spring, Swing, Hibernate, Java Beans, JDBC, XML, XSD, Web Services, JNDI, Multi-Threading, Data structures** etc.
* Experienced in Front End frame works such as, **NodeJS, React JS, Backbone JS, AngularJS jQuery,Ajax, JavaScript, Bootstrap3, Bootstrap4 and UIKit.**
* Experience in Spring Modules **Spring MVC, AOP, IOC, Spring Boot, Spring Eureka, Spring Ribbon, Spring Dashboard, Spring Security, Thyme leaf, Spring Heroku.**
* Experience in persistence framework like **Hibernate/JPA** for mapping java classes with database.
* Experience in **Microservices Spring Boot, Pivotal Cloud Foundry** and **Spring Boot.**
* Expertise in **Microservices** developing **SOA** and **J2EE Web Services** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Experience in working with**SOAP** and**REST** web services and good at managing different data types using **RESTful** services like **JSON, XML** and **data types.**
* Experienced in implementing Kafka Simple consumers to get data from specific partitions.
* Hand on experience in Java8 like Lambda expressions and Stream API on Collections to increase performance.
* Involved in converting Hive/SQL queries into Spark transformations using Spark, SQL, Python and Scala
* Experience in **configuring and deploying** the **applications** on **Tomcat, WebSphere, WebLogic and JBoss.**
* Experience in using build tool as **ANT, Gradle, Maven** to compile, package the components to the application servers **MAVEN** Scripts for customizing **WAR/JAR** file management for web applications and **log4J.**
* Experience in creating **Docker images, Containers, push/pull and integrating with spring boot for running applications securely on container platform** by flexible integrating existing process with **log4J** for logging.
* Experience in development, testing and deployment of enterprise applications on **Windows & UNIX** platforms using **IDE’s** such as **Eclipse, Rational Application Developer, NetBeans, intelliJ 14.x/15.x**
* Experience in using different controlling/tracking systems **Subversion, CVS, GIT, and Rational Clear Case.**
* Experience with major relational databases – **Oracle 12c/11g, SQL Server 2000/2005/2008**, **DB2, My SQL and** Proficient in **No SQL DB** such as **Apache Cassandra DB, MongoDB.**
* Hands on experience in **Amazon Web Services** provisioning and good knowledge of **AWS** Services like **EC2, S3, ELB, RDS, VPC,** Route53, cloud watch, Cloud formation etc.
* Expertise in testing **Junit** tools like **JMeter, Selenium, Karma, Jasmine** also in **Mockito.**
* Expertise in employment of **Apache Kafka**, **Zookeeper** apart from **JMS** as messaging service.
* Knowledge on **Jenkins** with configuring check styles, Test coverage and**Splunk Tool** for production support.

**TECHNICAL SKILLS**

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| --- | --- |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking |
| **MARK-UP/XML TECHNOLOGIES** | JSP, HTML, HTML5, XHTML, JavaScript, Angular JS, CSS, XML, XSD, AJAX, JQUERY, JSON, NODEJS, Backbone JS, React JS, Boot Strap, UIkit. |
| **FRAMEWORK** | Struts, Spring, Hibernate, Spring MVC, Spring IOC, Spring AOP, Spring Boot, Spring Security, JSF, Netflix Eurekha. |
| **WEB SERVICES** | SOAP, RESTFUL, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Axis2, Apache CXF, AWS |
| **Methodologies** | Agile, Scrum, RUP, TDD, SDLC |
| **WEB/APP SERVERS** | Oracle/BEA Web logic 8.1/9.1, IBM Web sphere 8.x/7.x/6.x, JBoss, Tomcat 5.x/6.0/7x, Bug tracking, Jenkins. |
| **DATABASE** | Oracle 9i/10g/11g, DB2, SQL Server 2000/2005/2008, MySQL, Cassandra, Mongo DB |
| **DEVELOPMENT TOOLS** | Eclipse 4.6/4.5, RAD V9.5, Spring Tool Suite STS, IntelliJ, Net Beans |
| **ORM FRAMEWORK** | Hibernate, JPA, JTA |
| **TESTING TOOLS/ OTHERS** | Junit, Jasmine, Log4J, SOAP UI, Test NG, easy mock and power mock, Karma, Mockito, Selenium, Jenkins, Docker. |
| **VERSION CONTROL** | CVS, SVN, Rational clear case and GIT Hub |
| **OS & ENVIRONMENT** | Windows, Mac, UNIX and Linux |
| **DESIGN PATTERNS** | MVC, Singleton, Business Delegate and Data Access Object. |
| **BUILD TOOLS** | ANT, Maven, Gradle. |

**PROFESSIONALEXPERIENCE**

**Role: Sr JAVA/J2EE& Full Stack Developer June 2016 - Till now**

**Client: Vanguard, Malvern, PA**

**Description:**

The vanguard Group is an American investment management company based in Malvern, Pennsylvania. It offers mutual funds and other financial products and services to retail and institutional investors in the United states and abroad. The current project’s Front office functionalities include deal entry, conformation reporting, individual sandbox to value and analyze financial trading exposure to market movements. Mid office functionalities include Logistics, scheduling activities and credit management. Back office functionalities include Java/J2EE invoicing and remittance statements. It provides a complete all in one package for running a trading platform.

**Responsibilities:**

* Worked as a Java Developer and involved in analysis of requirements, the design, development, integration, deployment and testing. Followed **Agile, Scrum** approach of development strategy.
* Created many custom filters using **Angular 4.0** and external module to manipulate the routing.
* Extensively used **Spring Framework** modules like **MVC, DI(IOC), Spring Security** and **AOP.**
* Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC Web services.**
* Hands-on writing **Stored Procedures, functions, triggers, DDL, DML SQL** queries. Experience in writing **SQL, PL/SQL** programming and SQL Loader.
* Did load testing of SOAP Web Services using **SOAP UI** and Apache **JMeter** tools.
* Developed a GUI to help to read the logs generated by the scripts, the logs were saved in **Oracle DB, the GUI was created using flask, D3, jQuery table sorter.**
* Deployed the application in **JBoss** production server running in **LINUX** Platform.
* Used advanced **Java8,** features like **Lambda Expressions** Streams, Filters, Enhanced concurrency methods etc.
* Implemented Internationalization using **Spring MVC Interceptors and Spring Core modules.**
* Strong understanding of **Microservice** architectures, patterns, related frameworks and prior hands on experience in developing and deploying **Microservice** solutions.
* Worked with NoSql and Big Data technologies such as MongoDB, Cassandra, Hadoop
* Implemented the project structure based on **Spring MVC,** pattern using **Spring Boot.**
* Hands on experience **Spring Boot Actuator, Spring Cloud,** and **Netflix Eurekha.**
* Design and develop **Selenium** tests to verify functionality of internal business applications and resulting data.
* Developed user interface using JSP with **JavaBeans, CSS, HTML** to speed the application.
* Prepared and presented **UNIX** production and implementation schedules to the Project Manager and client.
* Implemented Screen Navigation **using Angular Routing and Spring MVC**.
* Involved in creating dynamic web site design and programming using **HTML, CSS3, JavaScript.**
* Built **HTML** and CSS system for controlling text display issues cross-platform and cross browser.
* Responsible for CI and CD using **Jenkins**, **Maven** and **Ansible**.
* Coordinated **Kafka** operations and monitoring (via JMX) with **DevOps** team.
* **Docker** container images, tagging, pushing images, integration of **Spring Boot.**
* Developing **Docker** images for development and testing teams and their pipelines.
* Experience in develop and configure monitoring solutions to provide full visibility to the different platform components using tools and services like **Amazon Web Services, Cloud Watch, Splunk.**
* Experience designing and developing applications on relational databases **Oracle DB.**

**Environment: Java, J2EE, JDK 1.5, JBoss, Oracle DB, Spring MVC, Spring Frame Work, Spring Boot, Microservice, SOAP Web services, Selenium, XML, HTML, CSS, JAX-B, Maven, Jenkins, Ansible, Splunk, Angular 4.0, Kafka, Docker, AWS.**

**Role: Sr JAVA/J2EE& Full Stack Developer July 2014 to May 2016**

**Client:Caterpillar, Peoria, IL**

**Description:**

Adding new functionalities to the existing dealer Software licensing system with the new Flex Net Licensing system and enhancements to the current Licensing system. It mainly involves application re-design and adding new functionalities to the new licensing system. Several dealers worldwide use this application for creating a new software license or renewing an existing license or to cancel their license. The application also has several new functions, which involves assigning a new license to another user or creating user, generating reports based on different criteria and user management in which a new user can be added to the system or edit an existing user present in the system.

**Responsibilities:**

* Developed and tested modules using **Agile (SCRUM)** methodologies and developed Technical design documents.
* **Work flow** and **workflownavigations** were developed to work per the user roles.
* Worked with controller, service and view components in applications using **Spring 3.5** framework.
* Implemented Spring modules like **Controller, DI/IOC, Auto wiring, Spring security, AOP and AspectJ**.
* **Service Oriented Architecture** was exposed through **RESTful** web services with loose coupling between layers using **Springframework** during development.
* Implemented **RESTful Web services** in Service Oriented Architecture to retrieve data from client side and made REST API calls from **Node.js** and parsed the data to client and handled the security and Authorization using **Spring Security**authentication protocol respectively.
* Involved in migrating Hive queries into Spark transformations using Data frames, Spark SQL, SQL Context, and Scala.
* Enterprise level web applications were supported by building Spring based **Java** and **Scalamicro services**.
* Consumed messages from **JMS**-Message driven beans and Active MQ. Integrated Active MQ services with Beans.
* Created **Single Page Application** which can data bind with server with **AngularJS** framework.
* Improved source code maintenance which resulted in significant code reduction, ease of upgrade, scalability, ease of developer spin and superior performance by refactoring existing **AngularJS** application.
* Java expression tags were avoided using **Bean**, **HTML** and **LogicTags**, and used display tags to render large data.
* Developed effective web pages using **HTML**, **CSS**, **JavaScript**, **Node.js** and **Bootstrap**.
* Involved in developing role based **HTML** navigational menu, where in menu items change dynamically based on the values derived from database in the form of **XML** data.
* **Hibernate DAO** classes were developed to retrieve and save data using Spring framework manager classes.
* Experience in Creating, Dropping Indexes, Tables, Stored Procs and Views on **Mongo DB**.
* Cloud environment for micro services was provided using **Spring cloud Netflix(Eureka server, Ribbon**).
* Expertise with employment of **Spring Kafka** and **Zookeeper** apart from JMS as messaging service.
* Deployed the Application into **Docker** container and made easily accessible at runtime using Cloud Foundry and other cloud services like **AWS, Netflix Eureka** as fallback method**, Spring Ribbon** for load balancing and a broker service to maintain status using **Spring Kafka** and **Zookeeper**.
* Developed client applications using **JAXR** and **JAXM** to connect to the UDDI registry.
* **Apache Mesos** and **Kubernetes** were used as the best ecosystem to deploy and manage **Micro-services**.
* **Ant** is used for building the application EAR.
* Analyze and resolve conflicts related to merging of source code for **GIT.**
* **Log4J** is used for logging purposes and debug levels are defined for controlling what we log.
* Writing Unit test cases using **JUnit** testing framework and performed unit and system testing.
* Worked on **NoSQL** database **MongoDB** concepts such as locking, transactions, indexes, replications, schema design.
* Implemented multiple high-performance **MongoDB** replica set.
* **Selenium’s** playback tool feature for authoring tests has been used in executing more than 100 test cases.
* Expertise on **Selenium** Data Driven framework and integrating it with**Maven**, **TestNG** and **Jenkins**.
* Created and configured management reports and dashboards using **Splunk.**
* Merging properties of different environments to incorporate necessary changes that get reflected in new environments.
* Working with on-site and off-site resources for successful implementation of the Workflow module.
* Experience in installation, configuration, Deployment and management of web and enterprise applications on **Web Sphere** Application server.

**Environment:XML, XSL, AngularJS 1.5, Node.js, Bootstrap, HTML5, JavaScript, CSS3,Hibernate 4.x,Git, AWS, WebSphere** 7.**5, TestNG, JSON, Ant, Log4j, Spring Cloud Netflix**, **Config Server, Eureka Server, Ribbon, Agile, MongoDB, Selenium, Spring Kafka, Zookeeper, Docker.**

**Role: Sr. JAVA/J2EE Developer Jan 2013 to June 2014**

**Client:Merck, Chicago, IL.**

**Description:**

The project deals with development of a website for the company to enable the people throughout the world to select the medicines, and place order online from different pharmacies. The agent or the customer need to register themselves and can choose any product from the website once they get access. The administrator of the company will see the order and accept or deny accordingly.

**Responsibilities:**

* Involved in Brain Storming sessions, Scrum meetings, Sprint planning and estimation of tasks for the user stories.
* Worked in **TDD** Environment that includes Testing, Coding, Analyzing, Designing, Implementation and Production Support.
* Used **Design Patterns** like **Singleton, MVC, Front Controller, Service Locator, Session Facade and DAO**
* Involved in the front end using **JSP, JSTL and jQuery, Servlets, HTML, JavaScript, AJAX.**
* Developed the web application by using PrimeFaces employing **AJAX** at client -side components.
* Worked on **Spring modules** like Dependency Injection (DI), **Spring AOP**, **Spring JMS and Spring Security**.
* Used **Spring JMS** to post and consume the messages from the **IBM MQ Server**.
* Extensively used **Hibernate mappings**, **HQL**, **Criteria, Lazy loading Transactions** and **Locking’s.**
* Developed Batch Rescore Tool to rescore multiple claims using**Multithreading**.
* Used **jQuery** to make the application highly interactive and used **JSON** objects for efficient Client-side coding.
* Worked on the modernization of a legacy and outsourced UI using **AJAX** and calls to backend **RESTful services**.
* Developed **GUI** using **JavaScript**, **HTML**, **DOM, XHTML, CSS3**
* Built Web pages that are more user-interactive using **jQuery** plugins for Drag and Drop, AutoComplete functions.
* Extensively used **Hibernate named queries, Criteria queries, Hibernate Query Language** and Optimistic Locking and Caching to process the data from the database.
* Experience designing and developing applications on **NoSQL** databases **Cassandra.**
* Involved in deploying and testing the application in**JBoss** application server.
* Responsible for continuous monitoring and managing Elastic Map Reduce cluster through**AWS**console.
* Developed **Unit /Integration test cases** using **Junit, Easy Mock, Mockito and Selenium tools**.
* Used **Ant/Maven** tools for building and deploying the Web applications.

**Environment: Java 1.7, TDD, Spring, JPA, Hibernate, Web services, jQuery, JSP, AJAX, Java Script, Jenkins, JBoss CVS, IBM MQ, Mockito, Spring MQ, Spring MVC, Web Services, JAXB, WSDL, XSD, AWS, XML, BRMS, SQL, ANT, MAVEN Cassandra.**

**Role: Sr.JAVA/J2EE Developer Jan 2012 to Dec 2012**

**Client:AT&T, Alpharetta, GA.**

**Description:**

AT&T is an American multinational telecommunication corporation. It is the one of the largest provider for both mobile and landline telephone service, and provides broadband subscription television services. Being one of the largest telecommunication providers AT&T has huge customer data that can be analyzed.

**Responsibilities:**

* Used **Ant/Maven** tools for building and deploying the Web applications.
* Involved in various **SDLC** phases like **Requirement gathering**, **Design**, **Analysis** and **Code development** and the project was developed using **Agile** based **SCRUM** Methodology.
* Successfully executing **Offshore modeling** by effective and on time knowledge sharing with offshore project groups through weekly team meetings and daily status update calls.
* Implemented **Struts** Framework and **Hibernate** in the new version of the Application.
* Involved in coding for the presentation layer using **Struts** and **JavaScript**.
* Developed **Action classes**, **Dyna Action Forms** and used **Validation** framework.
* Used **EJB** Stateless/Stateful session beans to implement business logic, session handling, and transaction and deployed Enterprise **Java Beans** both Session and Entity on **WebSphere** Application Server.
* Taken care of java **Multi-Threading** in common java classes/library.
* Extensively used **Java Scripts** to enforce client-side validations and used **jQuery** for **Ajax** processing.
* Involved in development of various web services using **IBM WebSphere** to interact with other Applications.
* Involved in **Unit testing**, **Troubleshooting** and **Debugging**. Modifying existing programs with **enhancements**.
* Developed the **UNIX shell scripts** to automate jobs.
* Developed **Entity Beans** as Bean Managed Persistence Entity and **Hibernate** to connect to backend database **DB2.**
* Worked on **Linux** environment for deploying the application, running scripts for jobs.
* Involved in **Fixing bugs** the bugs or defects in the application.
* Worked as the part of a core team to monitor and enhance the performance of the application.
* Provide guidance and direction to team members in their day-to-day activities.
* Extensively used **DB2** for CRUD operations.

**Environment: Jakarta Struts Framework 2.0, Core Java, jQuery, Ajax, Hibernate 3.0, EJB, CSS, Eclipse, WebSphere Application Server 6.5, JUnit, UNIX, JavaScript, Servlets, JSP, DB2.**

**Role: JAVA/J2EE Developer Oct 2010 to Dec 2011**

**Client:Goldman Sachs, Jersey City, NJ.**

**Description:**

The Goldman Sachs Group, Inc. Is a leading global investment banking, securities and investment management firm that provides a wide range of financial services to a substantial and diversified client base that includes corporations, financial institutions, governments and individuals. Goldman Sachs Execution and Clearance (GSEC) Risk technology team is responsible for developing systems for monitoring and managing portfolio risk of the prime brokerage clients in the margin lending business. These provide coverage for both intraday risk using real-time trades and EOD portfolio level risk.

**Responsibilities:**

* Involved in Requirement gathering, Analysis, Preparing Functional Specifications, and TechnicalSpecifications per their requirements.
* Developed and tested modules using **Agile (SCRUM)** methodologies and developed Technical design documents.
* Provided installation, configuration & maintenance of pre-prod and production Cloud environments including services such as **Tomcat,Apache**, **Jetty**, **SQL Server**, and **Jira**.
* Used **Spring’s IOC, AOP** and auto wiring concepts in developing the application.
* Used **Spring** Container to performed dependency injection.
* Used **Hibernate** to map the database with **POJO** using **hbm.xml** files.
* Designed the Architecture of the project as per **MVC** standards.
* Deployed the application on **JBOSS** application server.
* Used **AJAX** technology for creating interactive Web Applications.
* Developed **SOAP** message envelopes and headers using **WSDL**.
* Developed **JSP** for orders module and Customer Service Department.
* Used **Gradle** as a build tool and understanding the antifactory and repo structure.
* **JDBC DAO** classes were developed to retrieve and save data using Spring framework manager classes.
* Used **Nexus**, **Jenkins** as a build tool and retrieved all the dependencies required for the application.
* Used **PL/SQL**, Stored Procedures for handling **SQL Server** database.
* Involved in Integration of all the modules and deploying them on the Application server and used **JMS**.
* Involved in bug fixing of various modules in the application that were raised by the testing team.

**Environment: Java (JDK 1.6), J2EE, Ajax, Spring 3.0, JDBC, Web services, Jersey, JAXB, Log4j, SQL Server, SVN, Eclipse, JUnit, JSP, ANT, HTML, CSS, JSON, XML, Tomcat.**

**Role: JAVA Developer June 2009 to Sep 2010**

**Client:Vision Labs, India**

**Description:**

It is a web-based solution that provides companies with a timely and cost-effective means of providing excellent customer service, sales assistance, and support which consists of four modules: Client Console, CSR Console, Supervisor Console and Administrator Console.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (**SDLC**) like requirement gathering, coding, testing, and implementation.
* Used **Agile** methodologies for application development.
* Implemented server-side programs by using **Servlets and JSP.**
* Developed the front-end by doing hands-on coding using semantic mark up, **HTML**, **XHTML**, **CSS**, **JavaScript** and other front-end technologies as required by the program with a focus on usability**.**
* Worked on creating responsive website for smart devices using **Responsive design** and **CSS media queries**
* Worked on writing **Selection Criteria** codes to be reused in various functions interacting to database
* Used **Oracle** database as backend database.
* Used **JavaScript** to perform Client-Side Validation.
* Deployed Applications on **Apache Tomcat Server.**
* Involved in **Core Java** coding by using Java API’s such as **Collections, Multithreading, Exceptional Handling, Generics,** Enumeration and **Java I/O** to fulfill the implementation of business logic.
* Used **Multi-Threading** to make it **Asynchronous** for faster and parallel processing of documents.
* Performing the **Bug fixing** and updating in to the EXCEL sheets.
* Involved in Unit testing for various components using **Junit**.
* Participated in technical review, formal presentation and accurate documentation.

**Environment: Java, J2EE, HTML, CSS, JavaScript, Agile (SCRUM), AJAX, JSP, Servlets, JUnit, MVC, Apache Tomcat and Eclipse, Oracle DB.**