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| **Raja**  **rajasr9921@gmail.com**  **619-490-5377** | **java-sun-logo.png** |

**PROFESSIONALSUMMARY:**

* Overall **8+** years of experience in **Analysis, Design, Development, Testing and implementation** of Distributed and Enterprise and Web-based Client-Server applications using Java(J2SE) and J2EE technologies.
* Experience in **Agile (SCRUM), BDD and TDD** (Test Driven Development) software development methodologies.
* Implemented POC for Notifications and Appointment module using RESTful Micro Service using Apache Camel framework using Java 8.
* Experience in multi-tiered distributed environment, **OOAD** concepts, good understanding of Software Development Lifecycle (**SDLC**) and familiarity of Service Oriented Architecture (**SOA**).
* Experience in developing Web based GUI's using **HTML, DHTML, CSS, JavaScript** (and its frameworks like JSON)**, DOJO,** and **Ajax**.
* Expertise in designing, developing and integrating enterprise applications using **JSP, Servlets, struts JDBC, JNDI**, **Hibernate,Spring.IO, JSF, EJB, XML, Apache Camel, Apache CXF** and **Apache Karaf.**
* Expertise in developing and integrating enterprise applications using **Spring MVC, Spring IOC,Spring AOP Spring web flows**, **Spring Security, Spring Boot.**
* Experience in using various **Amazon Web Services (AWS)** Components like **EC2** for virtual servers**, S3** and **Glacier** for storing objects, **EBS**, Cloud Front**, Elastic cache** and **Dynamo DB** for storing data.
* Highly proficient in developing **Single Page Application** with open source framework **Angular JS, Bootstrap**, **React.js.**
* Good working experience in Java web services both **SOAP and Restful Web Services**, implementing SOA architectures with Web Services using **WSDL, SOAP and UDDI.**
* Expertise in implementing Web services and **JMS** for the synchronous and asynchronous communications between two applications running in different servers.
* Experience in using Version Control Systems and Build tools **like CVS, GIT, SVN and Ant, MAVEN, and Log4J**.
* Development experience with Core Java such as**String Manipulations**,**IO**, **Multithreading, Collections**, **Exception handling**, **Networking**.
* Experienced with various application / web servers like **Web Sphere, J Boss, Web Logic, and Tomcat**.
* Development of cloud hosted web applications and **REST APIs using Spring Boot** with embedded **Tomcat**.
* Experience in accessing No-SQL databases like **Mongo DB**, **Cassandra DB**, and **Elastic Search**.
* Written test cases using **Junit and TestNG** for performing unit-testing cases and **Log4j** for logging.
* Extensive experience in testing on multiple operating systems including **UNIX, Sun Solaris, and Windows**.
* Played a major role in successfully completing my projects and effectively managing/coordinating with team members, delivering in fast paced& highly competitive environments Experienced in working with DEV-OPS tools like **AWS, Jenkins, Docker** to perform Continuous integration and Continuous delivery.

**CERTIFICATION: Oracle Certified Java SE 6 Programmer.**

**EDUCATIONS:**

**Bachelors in Electronics and Communication Engineering**

**Technologies:**

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| **Languages**: | C, C++, Java (6/7/8), SQL, PLSQL. |
| **J2EE/J2SE:** | Servlets, Spring Beans, Struts, JSP, JSF, XML, JDBC, JMS, EJB JavaBeans, Struts, I/O library, Multi-Threading, Collections, Interface, Polymorphism JMS, JNDI, RMI, JAX-WS. |
| **Web Technologies:** | HTML5, CSS3, JAVASCRIPT, Angular JS, SOAP and Restful. |
| **Frameworks:** | Struts (2.x), Spring (3.x/4.x), Hibernate (3.x/ 4.x), Apache Camel (2.x), Apache CXF, Apache Karaf. |
| **Application/Web Servers:** | Tomcat (8.x/ 9.x), Web Logic (9.x), Web Sphere (6.x), Red Hat JBoss Fuse, Glassfish Server (4.x). |
| **Database:** | Oracle 10g/11g/12c, MS SQL, MySQL (5/6), IBM DB2, Mongo DB (3.x). |
| **Tools:** | Ant (1.x), Gradle (3.x), Maven (3.x), Log4j, Git (1.x/2.x), SVN (1.x), CVS (1.x.x)), JUnit (4.x), Mockito, Jenkins, Hudson and Bamboo. |
| **IDE’s/Tools:** | Eclipse Luna(M6), Mars(M7), Neon(RC3), IntelliJ IDEA (15.x), Net Beans (8.x) |
| **Platforms** | * Windows (7/ 8/10), Windows Server 2008/12, Ubuntu (15.04), Red Hat Enterprise Linux. |

**PROFESSIONAL EXPERIENCE:**

**Intuitive Surgical Inc, Sunnyvale (CA) Oct 2016-Present**

**Full Stack Java Developer**

**Responsibilities:**

* Followed **Agile methodology** to iterate quickly on product changes, developing user stories and working through backlog, used **JIRA** to record and monitor the stories and backlogs.
* Worked on re-platforming the legacy application built using **Angular JS, JavaScript, Bootstraps, and HTML, Spring MVC**, and **JDBC**, **Hibernate**, **Rest API**,
* Strong Knowledge in computer fundamentals like Data Structures and **Algorithms**.
* Used Apache POI for uploading Excel files and optimized the load time by extensively leveraging **Java 8 lambda expressions, Streams and Parallel streams**.
* Used **Java8** lambda expressions and predicate functionalities as part of developing the Application
* Architected, Designed and Implemented **SPA** (single page application) using **Angular JS** directives, expressions, routing capabilities for bookmarking, pipes and validations.
* Developed SPA with **Angular JS, JavaScript, Bootstrap, and HTML.**
* Developed services using **http** module to communicate with backend node services and also various form components such as data driven forms and Template driven forms using **Angular Forms** Modules
* Web application development for backend system using **Node.js** with cutting edge **HTML5** and **CSS3** techniques.
* Use Spring boot for Single Sign on(SSO) page application to access more quickly.
* Writing and retrieving files to and from **AWS** S3 bucket for UI to render data faster that involves complex and time-consuming server side logic.
* Developed schedule jobs/triggers to schedule the tasks using **Quartz scheduler** library and also developed **JMS** to send messages from one application to other application internally.
* Written test cases using **Junit** for performing unit-testing cases and **Log4j** for logging.
* Customized the build process to suit enterprise needs by developing custom **Maven** plugins, lifecycles and archetypes and Used **Git** as a version control to save the code.
* Created **POJO’s and DAO’s** for the database entities using **Spring JDBC** annotation mappings
* Designed and developed the REST based Microservices using the **Spring Boot**, **Spring Data** with JPA and used Swagger to interact with nod end points of the micro services.
* Development of cloud hosted web applications and **REST APIs using Spring Boot** with embedded **Tomcat**.
* Experienced in setting up EC2 instances, **Elastic Load Balancing** security groups and Setting up databases in **AWS** using S3 bucket
* Used Hibernate, object/relational-mapping **(ORM**) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Used apache camel to integrate the different applications using protocols like http, Active MQ and JMS.
* Server instances are created on AWS. Tomcat, Swagger are installed and used for deploying Microservices.
* Involved in developing code for obtaining bean references in spring framework using **Dependency Injection (DI)** or **Inversion of Control (IOC**) using annotations.
* Worked on **AWS**, High Availability Practices and deploying **backup/restore infrastructure**
* Developed **Spring REST** controllers to serve data in **XML and JSON** format and configured application using **Maven**.
* Utilized mongo database management system for keeping user generated data.
* Worked with modules like MongoDB for database persistence using Nodejs to interact with MongoDB.
* Implemented API Gateway pattern with Spring Cloud, API Registration and Discovery with Spring Cloud and Eureka, spring data JPA, Spring data **Mongo DB**.
* Utilized mongo database management system for keeping user generated data.
* Implemented the Nodejs EXPRESS Server combined with Socket.io to build MVC framework i.e., Angular JS to back-end Mongo DB to provide broadcast service as well as chatting service.
* Exported SQL data in to **Elastic search** to allow much faster and scalable user searches from the database and integrated Java and Angular based application to **Elastic Search** tier via **Spring 4** Restful Controllers communicating to a custom java utility wrapping the Jest API.
* Utilized Map Force to perform mapping between XML schemas, consumed and exposed web services and Restful **Web services API using JAX-RS** specification.
* Involved in devops tools configuring builds using **Jenkins** with **Git**, configured and used **Jenkins** to deploy the applications onto **Dev, QA, UAT** environments.
* Responsible for Configuring **Kafka**Consumer and Producer metrics to visualize the **Kafka**System performance and monitoring.
* Responsible for migrating existing modules in IBM MQ to**Kafka.**
* Co-ordinated with QA lead for development of test plan, **TDD**, test cases, test code and actual testing responsible for defects allocation and resolution of those defects and used selenium.

**Environment**: J2EE , JDK 1.7/1.8, Hibernate 4.2, spring 4.2, Servlets, Log4j,TDD,Xml,Algorithms, Angular JS, JavaScript, Bootstrap, JQuery, Restful, JMS, Tomcat, JSON, JAXRS, Maven, AWS, Cloud, Oracle 12c,Jenkins and Git.

**Eli Lilly, Indianapolis (IN) May 2015-Oct 2016**

**Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life cycle (**SDLC**) of the application like requirement gathering, Design, Analysis and testing of applications.
* Designed **Activity Diagrams, Use Case Diagrams, Sequence Diagrams** and **Class Diagrams** to design the application.
* Followed **Agile Methodology** in analyses, define, and document the application which will support functional and business requirements.
* Develop and maintain elaborate services based architecture utilizing open source technologies like **Hibernate and Spring MVC Framework**.
* Repeatedly worked on **AWS** Cloud platform and its features which include EC2, **Elastic Load Balancing,** VPC, AMI, RDS, SES, S3, Route 53, IAM, LDAP, Cloud Formation, Cloud Front, and Cloud Watch.
* Performed Test Driven Development (TDD) thereby creating detailed JUnit tests for every single piece of functionality before writing the actual functionality.
* Designed SOA implementations by Using **Web Services-WSDL, UDDI and SOAP** for getting credit card information from third party vendors.
* Involved in system design and development in Core Java(J2SE) using Collections, multithreading
* Implemented Transaction and Logging using **Spring AOP, developed Hibernate HQL queries and Hibernate DAO** implementation for database connectivity.
* Used **Git** as version control system to save the code and keep track of the changes occurred and **maven** as build tool for getting dependencies.
* Used Servlets as Controllers for **MVC** architecture and Hibernate in business layer to access Oracle Database.
* **Implemented modules using Core Java APIs, Java collection, Java 8(Streams), multi-threading, and object-oriented designs.**
* Implemented API Gateway pattern with Spring Cloud
* Extensively used **Hibernate** concepts as inheritance, lazy loading, dirty bit checking, optimistic locking, and transactions.
* Developed dynamic webpages using **JavaScript** and Implemented **JQuery** for creating behaviors of JavaScript.
* Deployed application using **Pivotal Cloud Foundry**(PCF) CLI.
* **Grails** is truly a spring based web application which is completely depends on the domain, controller and views mainly. My role is to develop all those domain, view and controllers for the application.
* Developed business services with **JSON, XML** and Restful Web Services technologies and Used **CVS** for version control and Clear Quest for bug tracking.
* Migration of Web Sphere application server to Tomcat application and used **Eclipse IDE** and deployed the application on **WEBLOGIC server**.
* Developed **Junit** test cases, to test each class as part of unit testing
* Hands on experience on**Cassandra**and oracle database architecture with better understanding and write processes including Mem-table, SSTable and Commit Log.
* Developed BDD tests using Cucumber by writing behaviour and step definitions & developed required Selenium support code in JAVA for Cucumber.
* Used **Oracle** database to design various tables required for the project and used Stored Procedures in the application.
* Working on **Docker** container for implementing the Enterprise build system.
* Involved in devops tools scrum based team meeting for improving and enhancement of Enterprise Build. Environment: Kubernetes, Open shift,**Docker**, Cloud bees, Elastic search, Red hat 7, JFrog Art factory, Git, Cloud bees, Jenkins, JIRA, Docker lint, HAP Roxy, Nginx, F5, Java, Agile, Scrum, **Angularjs**, JDBC, Geronimo.
* Used **CVS** for version control across common source code used by developers and Developed **J-Unit** test cases for all the developed modules. Written Test cases and tested the application using **JUnit** testing framework and prepared the documentation.
* Implemented connectivity to databases using **JDBC API** from servlets and JSP through Enterprise Java Beans **(EJB)**.
* Tested the application using **TestNG** testing framework and Maven as a build and management tool to get the required dependencies for the respective project.
* Designed and Developed the REST based **Microservices** using spring Boot with JPA

**Environment:** Java8, Java 1.7, SOA, SOAP, AJAX, HQL, XML, TDD, XHTML, CSS, JavaScript, WebLogic, Oracle 10g, JDBC, Spring MVC, Hibernate 3.1, UNIX.

**Mobile Mini, Phoenix, AZ Nov 2013-April 2015**

**Java Developer**

**Responsibilities:**

* **Designed** and developed the user interface layer using JSP, JSTL, CSS and DHTML. Involved in developing **use cases** for the project using **UML**.
* Using a combination of **JSPs, GWT, HTML and JavaScript for the front end**.
* Extensive experience with JavaScript MVC framework **AngularJS** and with **NodeJS**
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of nodejs applications.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
* Involved in designing **AJAX** calls for various components using **GWT**.
* Involved in developing the custom **GWTevent propagation and handling**.
* Involved in customizing the **widgets** as per the business requirements using **GWT**.
* Deployment**Analyzed** and implemented the **Spring-MVC** framework.
* Deployed web and enterprise applications on Jboss application server
* Business Rules implemented using JBoss Drools Engine
* Used **Multithreading** in programming to improve overall performance with core Java(J2SE).
* Involved in resolving business technical issues.
* Implemented **SOA** in developing the services using **JAX-WS**.
* Designing and developing of UI Screens using JSP 2.0, JavaScript, CSS3, Ext JS, Node JS, AngularJS and HTML5.
* Used spring framework in the development of a business bean and to interact with the **Hibernate ORM** tool. Implemented Rule Engine in **Drools**.
* Involved in writing **Unix** scripts.
* Involved in writing **technicalSpecifications** for the application.
* Involved in developing the **functionalspecifications.**
* Used **Hibernate** to interact with the Oracle database and to retrieve, insert and update the data.
* Developed and tuned the database SQL and PL/SQL queries.
* Used **AspectJ** for creating the aspects for logging in the application.
* Written the **JUNIT** test cases for the functionalities.
* Used **JPA** for managing the relational data.
* Used **SOAPUI** for testing the webservices.
* Involved in gathering the **requirements**, and leading a team in developing an application.

**Environment**: Java (jdk1.6), Oracle 11g/10g, PL/SQL, SQL\*PLUS, Windows NT, Spring MVC, Hibernate, GWT, Junit, UNIX Shell Scripting.

**Bank of America, NYC April 2012-Oct 2013**

**Java Developer**

**Responsibilities:**

* Created much new functionality for report distribution module.
* Developed **JSP** and **HTML** pages using CSS as part of the presentation layer.
* Used SAML 2.0 protocols to establish security in communication between HTML pages.
* Extensively used Struts taglibs.
* Developed Web Services to implement **SOA** using **SOAP**, **WSDL**, and **UDDI** with **HTTP**.
* Data access layer is implemented using **Hibernate**.
* Used Apache **POI** to generate Excel documents.
* Implemented **Struts** action classes.
* Developed web applications using the **SPRING** framework for the View component for the front-end **HTML** and **DHTML** pages and customized templates and tags.
* Extensively used beans for keeping the sessions active.
* Worked extensively in the backend Oracle database.
* Used WSDL to post the services in the **UDDI**.
* Developed lookup tables and views to speed up queries.
* Developed mail alert mechanism for alerting the users when their selection criteria are met.
* SOAP client request is used to make use of services.
* Developed **ANT** scripts for building, testing and deploying the application on Web logic server.
* Developed content rich webpages using **FXML**.
* Was actively involved with production and support.
* **MYSQL**database backup and recovery strategies and Replication and synchronization.
* Participated in Quality analysis and testing.
* Used **jQuery** for mobile auto enhancements and cross browser viewing.
* Written Pythonscripts for generating the reports and configuring them in CORN jobs.
* Creating SSL certificates for windows servers and **Solaris/LINUX** Servers.

**Environment:** Java 1.6, WebSphere 7.0, Hibernate 3.5, Struts 2.1, Spring framework (Spring core, Spring AOP, Spring IOC, Spring MVC), Web Services (RESTful and SOAP), Log4j 1.4, Apache POI, Ant, Eclipse 3.x, Subversion, Microsoft Visio, Xml, Oracle 10g, and Linux.

**GE ENERGY, GREENVILLE, SC Oct 2010-Mar 2012**

**Java Developer**

**Responsibilities:**

* Designed User Interface using **Java Server Faces (JSF), HTML, Cascading Style Sheets (CSS), and XML.** Implemented JSF framework extensively which involves building the whole user Interface components using JSF tab panels, Panel groups and data tables.
* Integrated components like partial triggers, calendar, and action/value change listeners with JSF for enhancing the front-end GUI layout.
* Developed additional UI Components using JSF and implemented an asynchronous, **AJAX** communication (**JQuery**) based rich client to improve customer experience.
* Developed the user interface screens using **JSF2.0** and Prime faces component library. Also used Rich faces to customize some of the components in XHTML pages.
* Developed the presentation layer using Model View Architecture implemented by **Spring MVC**. Managed Spring Core for dependency injection/Inversion of control (IOC) and managed the security with the help of Spring Security (ACEGI).
* Tested the web services using SOAPUI and Web Service Explorer. Used SOAP for Web Services by exchanging XML data between applications over HTTP.
* Developed the XSL to convert and compare the SOAP to simple XML and vice versa. Developed SOAP Web services for getting information from third party.
* Developed various **EJBs** (session and entity beans) for handling business logic and data manipulations from the database. Developed Data access bean and developed EJBs that are used to access data from the database.
* Excellent grasp of Data Structures and Algorithms and various software design patterns.
* Developed Servlets and Java Server Pages (JSP), to route the submittals to the **EJB** components and render-retrieved information using Session Facade, Service Locator (design pattern).
* Implemented the business logic under the **Servlets** and **simple Java Bean** components to be used under the various modules in the System and developed and database connection using **JDBC.**
* Analyzed the existing access system and re-designed it in **Oracle 8i** by developing data validation and load processes using PL/SQL Stored Procedures, Functions, and Triggers to enhance and improve functionality requested by business for reducing manual processing time.
* Created Spring Batch jobs to write/read data from Oracle
* Designed and developed batch jobs using Spring-Batch architecture.
* Used Dynamic SQL (DBMS\_SQL, DBMS\_DDL) in Functions and Procedures. Created database Triggers to record Insertion, Updating, Deletion and all other audit routines. Responsible for Code Reviews and PL/SQL Code Tuning.
* Involved in the overall system’s support and maintenance services such as Defect Fixing, Feature Enhancements, Testing and Documentation.
* Used CVS for version control management and Maven for Build. Deployed an application in Tomcat server.

**Environment:** HTML, CSS, Java Script, JSP, JSF, EJB, Spring, SOAP based Webservices, Eclipse, Tomcat, Oracle 8i, PL/SQL, CVS, Maven, Algorithm, Waterfall.

**Bhaskara Infotech Pvt Ltd, Hyderabad, India Aug 2008-Aug 2010**

**Java Developer**

**Responsibilities:**

* Actively involved in analyzing and collecting user requirements.
* Worked on Strings mainly on String Manipulations
* Developed business components using **Core Java** and **Enterprise Java Beans**.
* Wrote SQL stored procedures, and used **JDBC** to connect to database.
* Created user Interface through **HTML and JSP**. Designed and Developed interactive and dynamic front end web applications using **HTML and CSS.**
* Developed **JUnit** test cases for unit testing.
* Used **Struts** to implement the **MVC** framework for the presentation tier and Simplified client-side scripting of **HTML using JQuery,** a cross-browser JavaScript library.
* Used **JDBC** API to connect to the database and Performed **CRUD** operations to get and check the data.
* Prepared EJB deployment descriptors using XML and Used **JAXB** components for transferring the objects between the application and the database.
* Used **Ant** for building scripts process and wrote test cases using **JUnit** as a testing framework. Used **CVS** for version control
* Developed **SOA** Web services above the data access layer and Developed applications using Ant as a build tool.

**Environment:** Java 1.5, HTML, Java Script, Servlets, JSP, JDBC 3.1, Struts 2.2, Web services, Oracle10g, SQL, UML, XML, ANT, JUnit , Log4j and Linux.