**PRIYA KODIPELLY**

**Sr. Java Developer at Southwest Airlines**

Plano, TX

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**SUMMARY**

* Over **8 years** of java development experience in all phases of Software Development Life Cycle (SDLC) including analysis, design, development, deployment, testing, documentation, implementation, maintenance and production support of applications.
* Good Experience in **Collections, Exceptional Handling, Generics** and **Multithreading.**
* Extensive experience **in web application development using Spring, Hibernate, SOAP, RESTful, AJAX, JSON,XML, HTML5, JavaScript, Bootstrap and Angular.js framework.**
* Good experience in developing applications using various servers including **IBM WebSphere, BEA WebLogic, GlassFish, JBoss Application Server and Apache Tomcat Web Server.**
* Hands on Experience in using multiple **RDBMS** products like **IBM DB2, Oracle 9i/10g, SQL Server and MySQL**.
* Excellent knowledge and experience in **SQL**, **PL/SQLprocedures, functions, triggers, packages, Exceptional Handling** and **Performance Tuning**.
* Proficient in **Service Oriented Architecture (SOA)** using **Web Services** such as **SOAP using Apache CFX, RESTful using Jersey and Jackson.**
* Extensive experience in using **ANT**, **Maven** for automating software build processes and managing build artifacts and **GIT, CVS, SVN, IBM ClearCase** for **Version Control Systems.**
* Strong hands on experience in using **Spring**(**Spring MVC, Spring Security 3.1.1, Spring JDBC, Spring DAO,springboot,sprongdata and Dependency Injection/Inversion of Control**) and **Object Relational Mapping frameworks (ORM’s)** like **Hibernate** with mapping of persistent classes and usage of Hibernate Query Language,

**Criteria API**.

* Extensive experience in **web development** environment using **HTML, CSS,JavaScript, JQuery, Angular.js framework.**
* Experience with **Maven, Gradle** for dependency, version management and **Jenkinscontinuous integration (CI)** to setup automated builds.
* Strong experience in **Windows, UNIX, Linux environments**.
* Experience as Software Development Engineer in Test **(SDET)** involved in design, development and maintenance
* Extensive experience in **Manual** as well as **Automation** testing of Web based applications.
* Self-starter with positive attitude, quick learner and have great ability to work efficiently in both independent and widely diversified global team environments.

**WORK EXPERIENCE**

**Southwest Airlines, TX August 2015 to present**

**Sr. Java Developer**

**Project 1: Flight Scheduling System**

**Work Highlights:**

* **Agiledevelopment** (2 week sprints/Iterations), **Test Driven Development** (TDD),

**Behavior Driven Development (BDD), Junit, JBehave, Mockito, Maven, JIRA issue navigator, Crucible Code Reviews** is part of every day’s work.

* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins). Used **Selenium RC** for testing different browsers, **Selenium Grid** for checking instance of server and Selenium IDE for record and playback.
* Testing scripts through **selenium web driver**.
* Used **selenium** and **cucumber** for some part of automation testing as well.
* Responsible**.** for creation of **design artifacts** such as **use cases and sequence diagrams**
* Developed application on **Spring3.x** framework by utilizing its features like **Spring Dependency injection, Spring Beans, Spring Security, Spring JDBC, springboot,springdata,Spring Web flow using MVC**.
* Worked on Spring Web Flow on **Spring MVC** to build an application from scratch using Spring XML configurations, annotations. Wrote **controllers** to handle incoming requests and send output to the UI
* Used **Spring Security framework** to set up authentication and authorization for the application using firm wide single sign on.
* Developed persistence layer integrating **Hibernate** with Spring ORM support, also used **Spring data** for lightweight database operations.
* Used JPA Annotations for Mapping Objects to Tables, hibernate features such as **Lazy Loading, Hibernate Query Language (HQL), Criteria and Pagination.**
* Experience with **Service oriented architecture (SOA)**, developing **SOAP web services** based on **JAX-WS (Document Style) using** HTTP Protocol on Bottom Up style development for creating Endpoints**.**
* Experience in consuming web services using **REST API (JAX-RS)**
* Experience in working in **DevOps** Environment. Worked with **DevOps** tools like **Chef** and **Puppet.**
* Used **Jasper Reports** and **I-Report** tool to create PDF version of recommended plans for document generation.
* Wrote complex **SQLs**, Stored Procedures PL/SQL using **SQL developer & TOAD**, executed on **Oracle Database.**
* Experience working with **Red Hat Linux Environment**. As part of this, worked with Linux command line and created scripts for scheduling jobs using **Autosys**.
* Used **SVN** as source control tool for branching, merging and maintain code versions in the repository enabled using Maven Versioning Capability.
* Developed, Tested and Deployed application in **Apache Tomcat 7.0** and **WebSphere (WAS) 7.0 server.**
* Used **Maven** for building, deploying application, creating JPA based entity objects and compiling **GWT** application.

**Project 2: Passenger Seat Selection Management**

**Work highlights:**

* **Developed an application from scratch to interact with third party applications in token exchange model for authentication, get the data needed and Spring MVC to handle incoming requests and RESTful web services (Implementing JAX-RS API) with Jackson parser to send data on Web Service Calls in JSON format.**
* Worked to secure our RESTful web services using **oAuth 2.0** with spring security to authenticate any third party requests coming in.
* Experience in working with open source tools Selenium (**Selenium IDE, Selenium Web Driver, TestNG**), **Eclipse** and preparation of automation test framework.
* Execute testing on both front end and back end systems using **selenium** and **cucumber.**
* Worked with Single page application framework **Angular JS** extensively using routing, services, views and directives.
* Participated in **front end development** using Angular JS, JavaScript, JQuery, HTML5, CSS 3.0 and bootstrap.
* Used **GIT** as source control tool.
* Used DB2 database and worked on creating critical **pivot** tables, **SQL queries**.
* Developed, Tested and Deployed application in **IBM WebSphere (WAS) 7.0 server**
* Created and implemented **PL/SQL** stored procedures and packages.
* Worked on **Node JS** Application with Express Framework. Familiar with **Node Package Manager** (NPM), **EJS Templating Engine**, Bower and Gulp.

**ENVIRONMENT**: Java 1.8 (Java 8), Agile, TDD, Spring, JPA, Hibernate, SOA, SOAP, JAXB, WSDL, JAX-WS, RESTful, Jackson, Jasper Reports, Junit, Mockito, Oracle, DB2, SQLs, WebSphere, IBM MQ, PL/SQL developer, SOAP-UI, GWT, Ajax, Angular JS, JQuery, JavaScript, CSS 3, bootstrap, Unix, SVN, GIT, Eclipse, JIRA, Crucible, SQL Developer, Maven.

**Bank of America - Charlotte, NC Oct 2013- June 2015**

**Sr. Java Developer**

**Project: FX Rate Engine**

**Work highlights:**

* Worked on **Agile** Scrum development lifecycle with 2-week sprints, fast-paced deadlines to implement new features and get it deployed to prod every 2 months.
* Worked with Business Analysts and Developers for requirements review and developing Test Scenarios.
* Utilized **java** knowledge to create automation test scripts using **Selenium web driver.**
* Prepared test deliverables such as Test Scenarios, Test cases and their execution.
* **Used Spring Framework for dependency injection, integration of Hibernate using Spring ORM support, development of RESTful web services to give JSON output.**
* Involved in writing the database integration code using Hibernate Leveraging the AOP features of **Spring** framework to handle exceptions.
* Used **Spring MVC** front controller pattern to handle requests starting with dispatcher servlet to handle incoming requests.
* **Configured Spring MVC from scratch using XML configurations, namespace handling, spring security set up and giving access to resources.**
* Used the concepts of **Internationalization and Localization** using Spring.
* Involved in writing code to transform **XML** documents using JAXB Marshalling and Unmarshalling using Spring Injections.
* Used Hibernate in **persistence layer**, written **hibernate mappings using Annotations, HQL, Criteria** and **Named Queries.**
* **Involved in Design and Development of RESTful API. REST web services are created using spring with Jackson Mappers to exchange data using JSON data structure**
* Involved in performing Unit and Integration testing (**JUnit**). Used Mockito for creating Mock objects and run tests using Mockito Runner.
* Used **SVN** for source Version Control, resolving code conflicts and merging code base**.**
* Deployed the application in **BEA WebLogic Application Server (WAS) 10.0.**
* Used Maven for dependency management, build applications and deploy to the containers, application servers and create versions in the repository.
* Involved in **SDLC** and moving project from one stage to another such as testing, UAT and production.
* Designed and developed the UI using **Angular JS, JQuery, HTML 5, CSS 3, bootstrap and JSP/JSF.**
* Worked on front end and back end application development. Have upgraded additional functionalities and services with the use case provided

**ENVIRONMENT**: Core Java, Java 1.8, Spring, Hibernate, SVN, Apache, Eclipse 3.3, JSP, JNDI, Log4j, JUnit, XML, JSP, JSF, Angular JS, JQuery, HTML 5, bootstrap, JavaScript, Web logic Application Server 10.0, Apache Tomcat 6.0, Oracle 10g, Windows XP, REST API, NetBeans.

**MEDPLUS -Cincinnati, OH Oct 2012 – Sept2013**

**Sr. Java Developer**

**Work Highlights:**

* Worked on all phase of agile development life cycle with 2 week sprints/Iterations, retrospectives and iteration planning meetings.
* Did Test First development (Test Driven Development) after creating dummy stubs using Junit and Mockito for mocking objects to test.
* Object Oriented Analysis and Design using UML include development of class diagrams, Sequence diagrams, and State diagrams and implemented these diagrams in Microsoft Visio and also with Object AID.
* Made use of design patterns such as **Singleton, Factory method**, Session Façade and Business delegate.
* Worked on Spring Application using **Spring MVC, Controllers** to capture incoming requests, delegate them to Services, and Send information to JSP s using Models and Views.
* Worked with **JSP/JSF, Servlets** to display data on User Interface (UI), also worked with HTML to create, edit, populate forms.
* Used both **Hibernate and Spring JDBC** for Persistence integrated with Spring, using Spring ORM support, to convert database errors into more meaningful errors from Spring.
* Worked with **Spring JDBC Mappers, JDBC Template, Named Parameter JdbcTemplate** creating a simpler persistence model.
* Used JPA Annotations for Mapping Objects to Tables, **hibernate** features such as **Lazy Loading**, **Hibernate Query Language** (HQL), Criteria and Pagination.
* Gained Familiarity with **SOAP web services**, WSDL contracts, XML SOAP messages developed using JAX-WS with Spring Support
* Developed **RESTful web services** with Spring support to handle data transfer between internal systems with various other applications.
* Wrote SQL queries to handle data in Microsoft **SQLServer** 2008 Platform.
* Developed, Deployed and Tested applications in **Apache Tomcat 6.0 and in JBoss Application Server.**
* Used **Maven** to build and deploy the application and used **Jenkins** as Continuous Integration platform to setup automated builds.

**ENVIRONMENT**: Core Java, J2EE (Java 1.6, JSP, Servlets), Agile, Junit, Mockito, Visio, Spring MVC, Spring JDBC, SOA, SOAP, WSDL, JAX-WS, Hibernate, JPA, RESTful, SQL, PLSQL, (PL/SQL) SQL Server, Apache Tomcat, JBoss Application Server, Angular JS, JSP, JSF, Java Script, HTML, CSS, Maven, Jenkins, JIRA.

**Travelers Insurance - Hartford, CT Jan 2010 – Sept 2012**

**Mid-Level Java Developer**

**Work Highlights:**

* Gathered user requirements followed by analysis and design. Evaluated various technologies for the Client.
* Developed **HTML** and **JSP** to present Client side GUI.
* Involved in development of **JavaScript** code for Client Side Validations.
* Designed the HTML based web pages for displaying the reports.
* Developed Java classes and **JSP** files.
* Extensively used **XML** documents with XSLT and CSS to translate the content into HTML to present to GUI.
* Developed dynamic content of presentation layer using JSP.
* Develop user-defined tags using **XML**.
* Developed Java Mail for automatic emailing and **JNDI** to interact with the Knowledge Server.
* Used Struts Framework to implement J2EE design patterns (MVC).
* Developed, Tested and Debugged the Java, **JSP** and **EJB** components using Eclipse RCP.
* Developed Enterprise Java Beans like **Entity Beans**, **Session Beans** (both **Stateless** and **State Full Session beans**)
* Developed **JSP** as the view, **Servlets** as Controller and **EJB** as model in the Struts Framework.
* Worked on WebLogic application server to deploy **JSP** and **EJB** applications.
* Created and implemented PL/SQL stored procedures, triggers on **MySQL** Database
* Deployed and Tested code on Apache Tomcat Server in both **Local** and **Dev Environments.**
* Used **Ant** build scripts to build and deploy the application.

**ENVIRONMENT:** Core Java, J2EE, EJB 2.1, JSP 2.0, Servlets 2.4, JNDI 1.2, Java Mail 1.2, JDBC 3.0, Struts, HTML, XML, CORBA, XSLT, Java Script, Eclipse3.2,Eclipse RCP, MySQL, WebLogic 8.1.

**HDFC Bank- Bangalore, India Sep 2008 – Dec2009**

**Jr. Java developer**

**Work Highlights:**

* Involved in Requirements gathering, Requirement analysis, Design, Development, Integration and Deployment.
* Involved in Tax module and Order Placement / Order Processing module.
* Responsible for the design and development of the application framework
* Designed and Developed UI’s using **JSP** by following MVC architecture.
* Developed the application using **Struts** framework. The views are programmed using JSP pages with the struts tag library, Model is the combination of **EJB’s** and Java classes and web implementation controllers are Servlets.
* Used **Web logic** server for **EJB** handling and for messaging services.
* Used **EJB** as a middleware in designing and developing a three-tier distributed application.
* The Java Message Service **(JMS)** API is used to allow application components to create, send, receive, and read messages.
* Used JUnit for unit testing of the system and **Log4J** for logging.
* Created and maintained data using Oracle database and used **JDBC** for database connectivity.
* Created and implemented Oracle stored procedures and triggers.
* Installed Web Logic Server for handling HTTP Request/Response. The request and response from the client are controlled using Session Tracking in JSP.
* Reported Daily about the team progress to the Project Manager and Team Lead.

**ENVIRONMENT:** Core Java, J2EE 1.3, JSP 1.2, Servlets 2.3, EJB 2.0, Struts 1.1, JNDI 1.2, JDBC 2.1, Oracle 8i, UML, DAO, JMS, XML, Web Logic 7.0, MVC Design Pattern, Eclipse 2.1, Log4j and JUnit.

**EDUCATION:**

Bachelors of Technology in Electronics and Communication Engineering, AnnaUniversity.