**Vishal Rao**

Java/J2EE Developer

**SUMMARY:**

* **6+ Years** of IT professional experience with full project lifecycle development in **Java and Web** technologies, Requirements analysis, and Design, Development, Testing, Deployment and production support of software applications.
* Expertise in web UI development using **HTML, DHTML, CSS, Java Script, Bootstrap and JSP.**
* Experience in developing applications using frameworks such as **Spring, Spring Boot, Hibernate, JSF, AngularJS** and **jQuery**.
* Implemented **SOA** architecture with **web services** using **REST**, **SOAP, WSDL** and **XML.**
* Extensive experience in various **Agile** methodologies like **Test Driven Development (TDD)** and **SCRUM.**
* Expertise in using **JMS** for communications between middleware components.
* Experience in utilizing with **JS**library and designing dynamic and browser compatible pages using **jQuery**, **JavaScript**.
* Experience in installing, deploying and testing with various Application Servers and Web Servers including **IBM WebSphere**, **WebLogic, Tomcat server** with wide variety of development tools like **IBM RAD, Eclipse** and **IntelliJ.**
* Having good **RDBMS** concepts knowledge and worked with **MySQL, Oracle, SQL Server.**
* Proficient in **SQL, PL/SQL** developed **Stored Procedures, Triggers, Functions and Packages** besides writing **DDL**, **DML** and **Transaction** queries with development tools like **TOAD** and **Rapid SQL**.
* Experience in developing **Test plans, Test Cases (Manual/Automated), Test Procedures** using **JUnit**.
* Experience in using **Log4J2**, **SVN, TFS, GIT, CVS, ANT, MAVEN & GRADLE**.
* Extensive experience working with Continuous Integrations tools **Jenkins**, Bug tracking and Issue Tracking using **JIRA**.
* Good team player with ability to solve problems, organize and prioritize multiple tasks. Excellent communication and inter-personal skills.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Languages | C, C++, Java, Python, Shell Scripting, SQL, PL/SQL, UML |
| Technologies | JSP, Servlets, JDBC, Hibernate, Spring, SOA, JMS, MQ, LDAP, RESTful and SOAP web services. |
| Web Technologies | HTML/DHTML, XHTML, JavaScript, XML, XSL, XSLT, CSS, Bootstrap, AngularJS, jQuery |
| Development Tools (IDEs) | Eclipse, MyEclipse, RAD, IntelliJ |
| Web/Application Servers | Tomcat, WebLogic, IBM WebSphere. |
| Data Base | Oracle, MS SQL Server, MySQL, DB2, Mongo DB. |
| Platforms | Windows, UNIX, LINUX |
| Methodologies | Agile Methodology, RUP, Extreme Programming |
| Build Tools | Git, SVN, VSS, JIRA, Jenkins, JUnit, Mockito, IBM MQ, Log4j2, ANT, Maven, Gradle. |

**PROFESSIONAL EXPERIENCE:**

**Client: Office of The Attorney General, NY Sep’18-Till Date**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Designed and developed the application using **Agile Methodology** and followed **TDD** and **Scrum.**
* Used J**MS** **API** for asynchronous communication by keeping messages in the Message queue.
* Configured **Spring security** in the application with **LDAP Template** and access controls using Spring security annotations based on user roles.
* Developed **Spring** resources for various HTTP methods and to send the requested data in **JSON** format to the web interface.
* Created Collections and documents and performed **CRUD** operations with repositories.
* Developed **ORM** mappings using **Hibernate** and wrote **Criteria, Named and HQL** queries for data retrievals in the DAO layer.
* Used **Spring** declarative transaction management and **Spring Batch** and **scheduling** for backend data processing.
* Scheduled cron jobs for batch processing the backend data and send out notifications.
* Worked with business analysts and coordinated with them to make sure the data is being populated properly.
* Involved in writing **JUnit** test cases and day to day builds and deployments using **MAVEN** and **Jenkins**.
* Worked with WLS admin to deploy applications on **WebLogic Server**.
* Developed a modularized application using n-tier J2EE architecture, application server, **Spring framework**, **Hibernate**.
* Was responsible for analyzing the issues, providing technical & functional support to the users and fix them.
* Involved in Writing and Executing **SQL** Scripts and responsible for fixing the issues and monitoring it to make sure it releases in time.
* Participated in sprint planning, retrospective using Agile methodologies.

***Environment:*** *Java, Spring, Spring Boot, LDAP, Hibernate, Agile, WebLogic, Oracle11g, Unix, Eclipse, JMS, SQL, Maven, Jenkins, Mongo DB, Webservices, JUnit.*

**Client: Verizon Media San Jose, CA Aug’15-Oct’18**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Designed and developed the application using **Agile methodology** and followed TDD, Scrum, pair programming.
* Wrote **Technical design document** with the **class, sequence, activity diagrams** in each **use case**.
* Designed dynamic and browser compatible pages using **JSP, HTML, CSS3,** **jQuery**, **JavaScript** and **Angular** **JS**.
* Developed various reusable Helper and Utility classes that are used across all the modules of the application.
* Designed and developed Business components and Integrated with **Spring** framework.
* Wrote data Components for Plan Setup, wrote and called **StoredProcedures** using **Java, HQL, Hibernate**.
* Involved in configuring and integrating **Spring** and **Hibernate** frameworks.
* Integrated business layer using **Hibernate** with **Spring DAO**.
* Played key role in the design and development of application using **J2EE** and **REST** web service for Service Oriented Architecture (**SOA**) with **JSON** and developedtest cases using **Junit** and **Mockito** framework**.**
* Developed **REST exception handling** controller advices to respond to bad requests and server-side exceptions.
* Used Spring Batch to build the **POJO**-based development approach of the Spring Framework.
* Involved in using JPA (Java Persistence API) frameworks and APIs such as DAO (Data Access Objects) and Hibernate.
* Designed & developed **LDAP** Authentication & Authorization Service using **Java**, **LDAP**, **JNDI**.
* Responsible for configuring and deploying the builds on **Tomcat Web Server.**
* Wrote **notification service** that executes daily, sends emails and escalations to participants.
* Involved in **Unit & Integration Testing** for different Modules in the application.
* Wrote **build & deployment scripts** using **ANT, Maven and shell scripts on unix env.**
* Used **Oracle Coherence** in **Java Collection** API to access and modify data, and the  **JavaBean event model** to receive data change notifications.

***Environment:*** *J2EE/J2SE, Java, Java Script, AngularJS, Spring, JPA, Hibernate, JDBC, Tomcat Web server, LDAP, SOA, SOAP, XML, HTML, Log4j, RAD, Oracle, Maven and Windows 7.*

**Client: Hallmark Group, India Jul’14-Jul’15**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Implementing the **design patterns** like **Singleton**, **value object pattern and Data access objects** in the project.
* Involved in system design and development in core java using Collections, multithreading and exception handling. Designed and developed the UI using **HTML, CSS and JSP.**
* Responsible for development of presentation layer using **JSP, spring.**
* Business logic was developed using **Session beans** and container managed persistence services via **Hibernate**.
* Worked on the JAVA collections API for handling the data objects between front end and business layers. Developed SAOP, RESTFUL web services using spring MVC, Apache CXF.
* Involved in developing web services using **SOAP (UDDI, WSDL), XML.**
* Deployed **entity beans** on **WebSphere Application Server**.
* Worked on **LDAP** configuration for accessing and maintaining distributed directory information services over **Web security protocol network**.
* Implemented MVC architecture using **struts, JSP & Enterprise Java Beans.**
* Involved in development of services-based architecture utilizing open source technologies like **Hibernate ORM** and **Spring MVC Framework.**
* Exposed to all phases of software development life cycle, including in-depth knowledge of **RUP**.
* Designing and coding of Action classes and Business Layer and DAO Classes and wired them using Spring Framework.
* Worked on Persistence layer from simple **DAO** to **Spring/Hibernate**.
* Designed Stateless Session Beans fitting the requirement of the business and implemented its interfaces.
* Experience in writing Queries, Stored procedures, Functions, Packages, and Triggers.
* Implemented **Data Access Objects (DAO pattern)** using **JDBC**.
* Worked on creating a test harness using **POJOs**, which would come along with the installer and test the services every time the installer would be run.

***Environment:*** *Java /J2SE , JSP, Spring, XML, WebServices, J2EE, WebLogic , Rational Rose, GIT, Oracle, Junit, JavaScript, DHTML, WSDL.*

**Client: Dell, Hyderabad, India June’13-June’14**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in gathering **business requirements, analyzing** the project and creating use **Cases and Class Diagrams.** Used **OOAD** for building applications**.**
* Designed and developed the project using **MVC** design pattern.
* Used **Spring Batch** for scheduling and maintenance of batch jobs. Deployed the application in various environments DEV, QA and Production.
* Used **Spring** **JDBC** for data retrieval from the database for various inquiries. Wrote complex **SQL** queries to retrieve data from the **Oracle** database.
* Created the web **UI** using **JSP, Servlets and Custom tags**.
* Implemented **Spring** framework in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.
* 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 Configured.
* Used **SOAP** for **Web Services** by exchanging **XML** data between applications over **HTTP**. Tested **SOAP** **web services** using SOAP UI.
* Developed the **XSL** to convert and compare the **SOAP** to simple **XML** and vice versa.
* Designed and developed **Caching** and **Logging service** using **Singleton pattern, Log4j.**
* Used **JSP, JavaScript, JSTL, Custom Tag** libraries, Tiles and **Validations** provided by struts framework.
* Wrote **authentication and authorizationclasses** and manage it in the frontcontroller for all the users according to their entitlments.
* Developed and deployed **Session Beans** and **Entity Beans** for database updates.
* Implemented **caching** techniques, wrote **POJO classes** for storing data and **DAO’s** to retrieve the data.
* Developed **stored procedures** and complex packages extensively using **PL/SQL** and **shell** programs.
* Implemented **RESTFul** web services **API** using HTTP and **REST** principles.
* **GIT** used for defects, change tracking across the application.
* Wrote **Junit** test classes for the services and prepared documentation.

***Environment:*** *Java /J2SE , JSP, Spring, XML, WebServices, J2EE, WebLogic , Rational Rose, GIT, Oracle, Junit, JavaScript, DHTML, WSDL.*