**MOUNIKA**

**Sr. Java Developer**

**SUMMARY**

* **8years** of experience in Software design and development activities including requirement analysis, design, and implementations and testing of various client server based applications using Java and J2EE technologies
* Good experience in all phases of **SDLC** viz requirement analysis, design, development, testing, and post implementation revisions. Worked strongly following **Agile** (Scrum) methodology.
* Have a strong background and experience in designing and developing various software applications.
* Strong technical skills in the areas of distributed technologies like JAVA **1.8**, **J2EE** (JDBC, Servlets, JSP, AJAX, Hibernate, Spring, Web services).
* Worked on various Databases like **Oracle 11g**, **MySQL**, **PL/SQL**, **DB2**.
* Experience with application servers like **Apache Tomcat 9.0**, **Websphere**, **Web Logic, JBOSS**.
* Strong experience on various **Spring** modules like **Spring MVC**, **Spring Context**, **Spring DAO**, **Spring AOP, Spring Core, Spring Security**.
* Experienced in implementing DAO layer using ORM tools like **Hibernate** core interfaces, annotations and optimizations.
* In-depth knowledge and experience of analysis and design methodologies using OOAD, UML, J2EE Design Patterns with solid experience in **MVC** architecture (n-tier).
* Experience in **XML** and **JSON** related technologies like XML, DTD, XSL, XSLT, XPATH, JAXB, SAX and DOM Parsers.
* Workedon service oriented architecture (**SOA**), workflows and web services using XML, **SOAP**, **REST** and **WSDL**.
* Experience in developing responsive front-end components using **HTML5**, **CSS3**, **JSON**, **JQuery** and **JavaScript** using frameworks like Bootstrap, Angular JS 2.0,4.0.
* Strong experience with various application development IDEs like **Eclipse**, **My Eclipse**, **Spring STS**.
* Good Experience in developing test cases with **Junit** and logging with **Log4j**.
* Experience in using **SVN** and **Git** for version control. Experience in using **Maven** for build automation.
* Possesses high working qualities with good interpersonal skills, highly motivated, fast learner, good team player and very proactive in problem solving with providing best solutions
* Have proficient time-management skills, able to deliver assignments with superior quality on schedule and within budget. Strong technical background in system design with expertise in project coordination, determination of scope and priority and project implementation.

**TECHNICAL SKILLS**

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| **Langages/Packages** | Core Java, Java 1.8, SQL, PL/SQL, HTML5, DHTML, CSS3, Angular JS 2.0, XSLT, Xpath, DTD, UML. |
| **JAVA&J2EE Technologies** | Servlets, JSP, JDBC, JMS, JPA, JNDI, XML, JAXB, JAXP, JTA, Design patterns, JSF, JSTL, Spring MVC, Hibernate, SOA, Json, Java Beans, Active MQ, Jboss, Json. |
| **Distributed Technologies** | EJB 3.0, Web Services-REST, SOAP |
| **Databases** | Oracle 11g, MySQL, DB2, My SQL Server 2014, My SQL 5. x. |
| **Web/Application Server** | WebLogic 12c, IBM WebSphere 8.5, JBoss AS 7.0, JBoss EAP 7.0, Tomcat 8.5 |
| **Frameworks** | Spring 4.3, Struts 2.0, Hibernate 5.0 |
| **Build Tools** | ANT, MAVEN, JENKINS |
| **Version Control & Operating System** | SVN, Git Hub, JUnit, Windows 7, Solaris, MSDOS, Linux/Unix |

**PROFESSIONAL EXPERIENCE**

**Client: Tiffany - Parsippany, NJ March 2016 to Till date**

**Role: Full stack Java Developer**

**Responsibilities:**

* Involved in design and Development of user interfaces using **HTML5**, **Jquery**, **Bootstrap**, **JavaScript**, **Angular JS, CSS.**
* Implemented the process using **Agile** (Scrum) methodology and Test-Driven Model(**TDD**).
* Implemented back-end code using **Spring MVC** framework that handles application logic and makes calls to business objects.
* Extensive use of model, view, controller architecture, **Spring Core**, Spring Transaction Manager, **Spring Batch**.
* Implemented CRUD Layer to provide ability to create, edit and delete details of customer in Spring Framework.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Developed the **REST** Web Services using **Spring IOC** to provide user a way to run the job and generate daily status report.
* Developed **REST** web services API's supporting both XML and JSON implementing Spring MVC.
* Developed and consumed Rest Services using **HTTP** methods such as GET, POST, PUT and DELETE.
* Developed stored procedures, Triggers and functions to process the data using SQL and mapped it to **Hibernate Configuration** File and established data integrity among all tables.
* Used **Hibernate annotations** for mapping objects to the relational database and Implemented persistence using Hibernate.
* Implemented various **design patterns** in the project such as Business Delegate, Session Façade, Data Transfer Object, Data Access Object, Service Locator and Singleton.
* Used various Core Java concepts such as **Data structures**, **Multithreading**, **Exception Handling**, **Collection API**s to implement various features and enhancements.
* Implemented logging mechanism using **Log4j**.Used **Maven** to build and configure application.
* Written **JUNIT** test cases for testing UI Framework classes and wrote many Java Scripts to do client side validations.
* Used **Eclipse IDE** for coding, developing applications and deployed to local **WebSphere** Application Server.
* Used **SVN** for Version Control. Worked with continuous management and integration server **Jenkins**.
* Responsible for **Continuous Integration** (CI) and Continuous Delivery (CD) process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Developed and tested batch jobs in korn shell on **Unix/Linux** Systems.
* Used Apache **Kafka** (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
* Extract the data from Oracle and push to Apache **Kafka** Queue using Golden Gate.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication and schema design.
* Familiar with **MongoDB** clusters, Java scripting to load unstructured data into sharding environment.
* Migrated Database from SQL Databases to NO SQL Databases (MONGODB).
* Wrote **Puppet** manifests for deploying, configuring, Install shield and managing collected for metric collection and monitoring.
* Developed **SQL** stored procedures and prepared statements for updating and accessing data from database.

**Environment:** Core Java/J2EE, JDK 1.8, JSP, HTML5, CSS3, Hibernate 4.0, Angular JS, JMS, Websphere, Spring MVC 4.0, Spring IOC, Oracle 11g, Multi-threading, Javascript, Jquery, Bootstrap, Junit, Maven, Log4j, JDBC, Linux.

**Client: Bureau of Labor Statistics, Washington D.C January 2015 - April 2016**

**Role: Java Developer**

**Responsibilities:**

* Involved in developing the Front-end using **HTML5**, **CSS3**, **Angular JS**, **JavaScript,** **Bootstrap**, **Jquery**.
* Designed and coded application components in an Agile environment utilizing a test-driven development approach.
* Client pages are built using HTML5, JSP, JSON to interact with users, and the business logic is implemented using **Servlets** and Java Beans.
* Developed Spring Framework based **RESTFUL** Web Services for handling and persisting of requests and **Spring MVC** for returning response to presentation tier.
* Used **Spring AOP** to reduce the amount of code written in controller classes and instead used joint points and point cuts to call other classes methods according to advice.
* Used **Spring** IOC, auto wired POJO and **DAO** classes with Spring Controller for Backend development.
* Implemented various Java **design patterns** like Front Controller, Service Locator, Business Delegate, and Data Access Object, Factory Pattern, Session Facade, etc.
* Involved in the integration of **Spring** components for implementing **Inversion of Control** (IOC) using Dependency Injection and integration of other spring components like Dispatcher Servlets, Controllers, Model and View Objects.
* Used **Spring MVC** to decouple business logic and view components. Performed client side validations using JavaScript.
* Consumed resources from API’s using **RESTFUL** web services. Implemented JAX-RS REST service using **Spring REST**technology.
* Designed and used **SOAP** and **REST**WebServices for the DAO modules involving data retrieval and storing.
* Implemented **Hibernate Lazy** default fetch plans for generating proxies and collection wrappers and created fetching strategies for minimizing the number of SQL statements.
* Write Unit test cases by using **JUnit** framework to perform the Unit testing.
* Set up **Jenkins** server and build jobs to provide automated builds based on polling the **GIT** source control system.
* Wrote the **Hibernate**-mapping XML files to define java classes-database tables mapping.
* Build the application using **TDD** (Test Driven Development) approach.
* Involved in loading data from LINUX file system, servers, Java web services using **Kafka**Producers, partitions.
* Implemented Kafka Custom encoders for custom input format to load data into **Kafka**Partitions.
* Install, configure, test, monitor, upgrade, and tune new and existing **PostgreSQL** databases.
* Ability to implement database change controls, as well as development, staging & production **PostgreSQL**databases.
* Wrote Puppet models for installing and managing java versions.
* Developed the automation scripts using protractor with**cucumber** framework.
* Used Cucumber for browser based testing with scenarios and situations. Implemented BDD framework using Cucumber.
* Managed local deployments in **Kubernetes**, creating local cluster and deploying application containers.
* Build and deployed the application using **Websphere**.
* Developed complex SQL queries to perform the back-end testing of the **Oracle** database using UNIX shell commands. Modified existing Oracle Forms using Forms 11g/9i for the change of applications.
* Used **Log4J** to monitor the Error Logs and Used **Maven** to build the application.

**Environment:** Html5, CSS, Javascript, Hibernate, Kafka, Core Java, Java 1.7, Log4j, Git, Websphere, SQL, Rest, Log4j, Unix/Linux, Maven, Spring MVC, Spring Core, DB2, Jquery, Junit, MongoDB, Jenkins.

**Client: HealthCare Highways - Frisco, TX September 2013 - December 2014**

**Role: Java Developer**

**Responsibilities:**

* Involved in all the phases of **SDLC** process.
* Involved in developing the GUI using **HTML5**, **CSS3**, **Javascript**, **Jquery**, **Ajax**.
* Developing interfaces that integrates billing with Simulators using **EJB** stateless session beans.
* Involved in migration of the entire project from **Struts**to **Spring MVC**.
* Developed custom tags based on Struts html tags. Implemented Struts framework (Action & Controller classes) for dispatching request to appropriate classes.
* Developed Controller for request, response paradigm by Spring Controllers using **Spring-MVC**.
* Used **Spring IOC**, auto wired POJO and DAO classes with Spring Controller for Back End Development.
* Used **Soap** over Http and Soap over **JMS** for communication between components.
* Worked on **SOAP** Web Service Security by adding security tokens on the soap header.
* Used **Hibernate** ORM framework as persistence engine, configured O/R mapping and wrote hibernate queries.
* Hibernate Session Factory, Hibernate mapping files, dependencies between delegate classes, DAOs, controller classes, validation classes and the domain Objects are configured as part of the spring configuration file.
* Expertise in Querying **RDBMS** such as MYSQL and SQL Server by using SQL for data integrity.
* Performed Application development using RAD and Web-sphere Application Server.  **Log4J** was used for logging errors in the application.
* Wrote unit testing codes using **JUnit**, resolved bugs and other defects using Firebug and Eclipse's debugging tool.
* Implemented Java **Data Structures** (Sorting techniques) for binding data with user interfaces.
* Used Core Java Concepts like Multithreading, Collections, **Generics**, Exception Handling, I/O, and Concurrency to develop business logic.
* Developed web tier by using **Servlets**, JSP, Custom Tag Libraries, Tiles, Java Script, XHTML, XSLT and XML.
* Developed BDD tests using Cucumber by writing behaviours and step definitions.
* Used JSTL and developed required tiles and tile definitions for templating and defined configuration in the struts configuration.xml.

**Environment:**  Core Java, JDK 1.7, J2EE, Servlets, JDBC, JSP, SOAP, Java, HTML5, CSS5,Cucumber, Javascript, Jquery, Struts, EJB, MySQL, Websphere, Hibernate, Spring, JMS, Eclipse.

**Client: Hcentive Inc - Reston, VA November 2011 – August 2013**

**Role: Software Engineer**

**Responsibilities:**

* Responsible for the design and development of the framework. The system is designed using J2EE technologies based on MVC architecture.
* Worked on **Water Fall Model** and best practices for software development.
* Designed and developed Class diagrams and sequence diagrams using Unified Modeling Language(**UML**).
* The Views are programmed using **Struts**, JSP pages, Model is a combination of EJB's and Java classes and Controllers are Servlets.
* Developed user interface using Javascript, **HTML**, **CSS**, **JQuery** to speed the application.
* Involved in developing EJB's for the business logic and deploying them in Apache tomcat.
* Used **JMS** for reliable and asynchronous exchange of important information.
* Used **JQuery** to make the frontend components interact with the Javascript functions to add dynamism to the web pages at the client side.
* Used **JDBC** prepared statements to call from **Servlets** for database access.
* Extensively used core java concepts like **Multithreading**, **Collections** **Framework** and **Concurrency.**
* Worked on database interaction layer for insertions, updating and retrieval operations of data from **Oracle 9i** database by writing stored procedures.
* Designed Interactive GUIs using Java Applets and Swing.
* Involved in writing **SOAP** based web services for communication between its upstream applications.
* Developed web services for data transfer from client to server and vice versa using SOAP and **WSDL**.
* Created war files & deployed on **Tomcat** using **ANT** deployment tool.
* Maintenance of data in different Oracle Databases and environments using TOAD.
* Used Clear Case for source Version Control. Tested the application with the **JUNIT**.

**Environment:** Core Java, JDK 1.6,J2EE, Servlets, JDBC, JSP, SOAP, Java, HTML, CSS, Junit, Javascript, Jquery, Struts, EJB, Oracle, Apache Tomcat, Eclipse.

**HSBC – Bangalore, India June 2009 - September 2011**

**Jr. Java Developer**

**Responsibilities:**

* Involved in development of Staffing sub-modules like Staffing Override, Interview Override, Resume Upload.
* Interacted with the User Group to gather requirements. Developed application using **Eclipse IDE**.
* Designed and implemented Java engine and API to perform direct calls from front-end **HTML**, **CSS**, **Javascript**, to server-side Java methods.
* Designed the sub-modules based on the initial specifications defined by the user group.
* Developed Controller **Servlets** and Action Servlets to handle the request and responses.
* **Multithreading** is used to continuously keep track of downlink messages and send corresponding uplink messages. Locks are used to synchronize resources sharing between these threads.
* Responsible for coding **SQL** Statements and Stored procedures for back end communication using **JDBC**.
* **Design patterns** of Delegates, Data Transfer Objects and Data Access Objects.
* Performed Analysis and development of Stateless Session Bean, Data Access object and Application Component for Screening and Short-listing module.
* Involved in developing in all the tiers of J2EE application. Documented all the low-level design of the application.
* Configured **Websphere** Application Server and deployed the web components into the server.
* Involved in debugging, testing and integration of the system.
* Worked on fixing bugs raised by the users. UsedTest cases for Unit Testing.

**Environment:** Core Java, JDK 1.5, J2EE, Servlets, JDBC, JSP, UML, JMS, Java, HTML, CSS, Junit, Javascript, XML, PL/SQL, Websphere, Eclipse.