**KOMAL SHILIMKAR**

To achieve a challenging position in software development in a result oriented organization where my acquired skills, creativity, knowledge and experience will be utilized towards growth and advancement.

* Highly motivated software professional with around 7 years of experience in Design, Development, Testing and Implementation of various desktop and web based applications using Java, J2EE technologies.
* Experience in all phases of software development life cycle (SDLC), which includes User Interaction, Business Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing, and Deployment with various methodologies like Agile, Scrum, Waterfall and Increment models.
* Extensive experience in application design and development using JAVA and other web technologies including Core Java, J2SE, J2EE, EJB, JSP 1.1/2.0, JSF, Servlets2.3/2.4, JMS, RMI, XML, JDBC.
* Strong working experience on Hibernate. Used Hibernate Connection Pooling, HQL, Hibernate Caching, Transactions.
* Good knowledge of core design patterns and J2EE design patterns like MVC, Session Façade, Business Delegate and Data Access Object.
* Experience in Database Design, Creation and management of Schemas, writing Stored Procedures, functions, Triggers, DDL, DML SQL queries.
* Experience in writing SQL and PL/SQL programming.
* Skilled in developing front-end applications using JSP, JSON,HTML5, CSS, JavaScript, Angular JS, Bootstrap, AJAX,JQuery.
* Proficient in developing advanced web-based applications design and development using Java, J2EE, Servlets, JSP, JSTL, Struts, Spring, Hibernate, ANT, Eclipse, XML, XSLT, JDBC, WSAD and Databases.
* Experience in the functional usage and deployment of applications in JBoss, WebLogic Portlets, Web Sphere and Apache Tomcat Server.
* Proficient in SOA and developing Java Web Services using SOAP, REST, XML and WSDL.
* Extensive experience in IDEs such as Eclipse, NetBeans, RAD.
* Strong team player, ability to work independently and in a team as well, ability to adapt to a rapidly changing environment, commitment towards learning.
* Working experience in docker and piped build/deployment.
* Experience of creating prototypes according to initial project requirement.
* Excellent analytical and communication skills in order to work with mid-size teams, technical and business leadership.

Self-motivated and ability to handle multiple priorities with excellent time management skills.

**TECHNICAL SKILL:**

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| Java/J2EE Technologies | **Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, MDB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking** |
| Programming Languages | **Java JDK1.5/1.6/1.7/1.8, C++, C, SQL, PL/SQL** |
| Application/Web Servers: | **Oracle/BEA Weblogic 8.1/9.1, IBM Websphere 5.1/6.0/6.1/7.0, JBoss, Tomcat 5.0.28/6.0** |
| Frameworks | **Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2, Angular JS, Struts** |
| IDEs | **Eclipse 3.x, Eclipse, NetBeans, IBM RAD 7.x/6/x, WSAD** |
| Web technologies | **JSP, JavaScript, Json, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS** |
| Web Services | **JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, REST** |
| XML Tools | **JAXB, Apache Axis** |
| Methodologies | **Agile, Scrum, OOAD, SDLC** |
| Modeling Tools | **UML, Rational Rose, Visio** |
| Testing technologies/tools | **JUnit, JMeter, HTMLUnit** |
| Database Servers | **Oracle 8i/9i/10g/11G, DB2, SQL Server 2000/2005/2008, MySQL** |
| Version Control | **CVS, SVN, GIT** |
| Build Tools | **ANT, Maven** |
| Platforms | **Windows 2000/98/95/NT4.0, Windows 7/ 8,UNIX /Linux, Sun Solaris.** |

**PROFESSIONAL EXPERIENCE:**

**Client : EXELON ENERGY, Baltimore , MD Feb-2015 to till date**

**Role: J2EE Developer**

**Responsibilities:**

* Involved in design phase and data modeling, interacted with other team members to understand the requirements for the project.
* Implemented **J2EE** standards, **MVC** architecture using **Spring** Framework.
* Developed cross-browser/platform **HTML5, CSS**, and **JavaScript** to match design specs for complex page layouts while adhering to code standards
* Implemented various **Validation Controls** for form validation and implemented custom validation controls with JavaScript and jQuery.
* Developed presentation tier using **JSP, Java Script, HTML**, and **CSS** for manipulating, validating, customizing, error messages to the User Interface.
* Worked on J2EE frameworks like spring and Struts for developing industry standard web applications.
* Developed **dynamic e-mails** using JavaScript, and hand coding of HTML5 and CSS.
* Involved in configuration of Spring MVC and Integration with Hibernate.
* Used Spring MVC framework for design and development of web application
* Created Location Look up **SOAP** based **web services** using spring.
* Developed Controllers and Services classes that support spring framework.
* Worked on **jQuery** for user interface interactions, effects and themes built on top of the JavaScript.
* Involved in spring, **Hibernate & JPA integration** for the entire system.
* Extensive use of **HTML5** with **AngularJS**, **JSTL**, **JSP** and **JQuery** for the presentation layer along with Java script for client side validation.
* Involved in developing Static and Dynamic pages using **JSP** and **Servlets**.
* The front-end JSP pages were developed using the **Struts** framework and were hosted in a J2EE environment on an **Apache Tomcat Server**.
* Involved in the application involving **Oracle**, **JAXB, web service Java.**
* Extensive Experience in Web Services Technologies like **SOAP, REST, WSDL, JMS**.
* Involved in development of **SOAP web services** using **Apache Axis** to extract data from databases.
* Built web-based applications using **Spring MVC** Architecture suitable for Apache Axis framework.
* Laid out the application structure using **YEOMAN** for Play and **Angular JS** for UI development
* Involved in creating Controller using spring frame work and writing JSP.
* Validated Web service response using **SOAP UI**.
* Implemented object/relational persistence and query service using Hibernate.
* Used **JSON, JQuery,** and **Ajax** for updating the web pages.
* Involved development of front-end components using JSP, JavaScript, and Java.
* Used Spring Dependency Injection to inject required services.
* Used **JPA**, **Hibernate** combination to access data from ORACLE database using **POJOs** for coding simplicity.
* Performed regression, integration, platform and performance testing to certify the stability and usability of software systems.
* use **Angular JS controllers**, directives, factory and service resources, routings and events.
* Developed Web Services for data transfer from client to server and vice versa using Apache Axis, **SOAP, WSDL and UDDI**.
* Developing functional specifications for business process refinement and automation, System Architecture, conducting feasibility studies, scope
* Generated POJO classes to map to the tables in the database using the JPA-Hibernate integration.
* Involved in writing SQL queries and stored procedures for data manipulation.

**Environment: Core Java, J2EE, Spring, Hibernate, JPA, Oracle, Angular JS, Jboss, Ant, CSS, HTML5, Oracle10g, Eclipse, JSP, JavaScript, Apache Axis, SOAP web services.**

**Client : BLUE CUBE TECHNOLOGY, COLORADO Feb 2014- Jan2015**

**Role: JAVA DEVELOPER**

**Responsibilities:**

* Involved in design phase and data modeling, interacted with other team members to understand the requirements for the project.
* Implemented **J2EE** standards, **MVC** architecture using Spring Framework.
* Developed cross-browser/platform **HTML5, CSS**, and **JavaScript** to match design specs for complex page layouts while adhering to code standards
* Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript and jQuery.
* Developed presentation tier using **JSP, Java Script, HTML**, and **CSS** for manipulating, validating, customizing, error messages to the User Interface.
* Worked on **J2EE** frameworks like spring and Struts for developing industry standard web applications.
* Involved in configuration of **Spring MVC** and Integration with **Hibernate**.
* Created Location Look up SOAP based web services using spring.
* Developed Controllers and Services classes that support spring framework.
* Worked on jQuery for user interface interactions, effects and themes built on top of the JavaScript.
* Extensive use of HTML5 with AngularJS, JSTL, JSP and JQuery for the presentation layer along with Java script for client side validation.
* Involved in developing Static and Dynamic pages using JSP and Servlets.
* The front-end JSP pages were developed using the Struts framework and were hosted in a J2EE environment on an Apache Tomcat Server.
* Involved in development of SOAP web services using Apache Axis to extract data from databases.
* Built web-based applications using Spring MVC Architecture suitable for Apache Axis framework.
* Used **RESTfulweb services** to expose certain functionalities of the application.
* Developed **JSP** pages and Servlets for customer maintenance and used **Angular JS**.
* Developed the data layer using Hibernate Persistence Framework. Created Hibernate mapping files and Hibernate configuration files for individual modules.
* Involved in creating Controller using spring frame work and writing JSP.
* Validated Web service response using **SOAP UI**.
* Implemented object/relational persistence and query service using Hibernate.
* Used **JSON, JQuery**, and **Ajax** for updating the web pages.
* Involved development of front-end components using JSP, JavaScript, and Java.
* Used Spring Dependency Injection to inject required services.
* Provided comprehensive software release documentation and training to support staff after compiling QA test outcomes
* Generated POJO classes to map to the tables in the database using the JPA-Hibernate integration.
* Involved in writing SQL queries and stored procedures for data manipulation.

**Environment: Core Java, J2EE, Spring, Hibernate, JPA, Oracle, Angular JS, Jboss, Ant, CSS, HTML5, Oracle10g, Eclipse, JSP, JavaScript, Apache Axis, SOAP web services.**

**Client : Grand Bank of Texas, Dallas, TX June 2013-Jan 2014**

**Role : Java/J2EE Developer**

Grand Bank of Texas is a locally owned and operated independent community bank. The project is designed primarily to meet the organization’s requirements for loans that are classified as business loans as per the Banks policy. The Application is a J2EE based system for automating the entire loan and credit processing workflow.

**Responsibilities:**

* Developed the application using Struts Framework that leverages classical Model View Layer (MVC) architecture. UML diagrams like **use cases, class diagrams**, interaction diagrams (sequence and collaboration) and activity diagrams were used.
* Involved in study of User Requirement Specification. Requested insufficient information and helped clearing ambiguity in requirements document.
* Used **JSP, Servlets**, and **HTML5** to create web interfaces. Developed **Java Beans** and used custom tag libraries for embedding dynamic into JSP pages.
* Involved in development of User Interface using JSP, ETL, JSTS, CSS, AJAX, Java Script, HTML, and Tag libraries.
* Involved in design, develop and implementation of the application using Spring and j2EE framework.
* Created Spring xml file for database configuration using Hibernate and for different spring beans.
* Developed an **AngularJS** workflow.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **DHTML, HTML5, CSS, JavaScript, jQuery UI**
* Wrote client side and server side validations using Struts Validators and Java Scripts Validations
* Used **Spring MVC, IOC, AOP** to develop intranet web application
* Implemented as well as exposed web services using Apache Axis.
* Defined required mappings in xml that are supported by **MVC architecture** and spring framework.
* Developed system preferences UI screens using JSP custom TagLibs, **JSP templates**, **JavaScript, CSS and HTML**.
* Used AJAXfor developing asynchronous web applications on client side.
* Involved in front-end and back-end development and enhancements using **JSP’s, Servlets, Java Script, AJAX.**
* Involved in implementation of modules related to file comparison received from clients using Spring Framework.

**Environment: JAVA, J2EE, Servlets, EJB, Spring, Hibernate, JMS, Apache Axis2, SOAP Web Services, REST, HTML5, JavaScript, Angular JS, JDBC, PL/SQL, XML, UML, UNIX, Oracle 10g, WebSphere Application Server, Tomcat, Maven, SVN.**

**Client: CNSI, Rockville, MD June 2012 - May 2013**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Review and gain understanding of the requirements, storyboard and prepared technical design documents.
* Participated in the complete life cycle of software development including designing, developing, testing and deployment of application in this TDD environment.
* Maintained sole-ownership of 3 modules - Security, Goal Measurements, Eligibility Profiles - using **JAZN, J2EE, and ESS**.
* Utilized Spring AOP for logging, auditing, and security and transaction management to distinguish Business Logic from the cross-cutting concerns.
* Used JQuery, Backbone and AngularJS to catch information and create and populate information inside of elements inside the **JSP/JSPX**.
* Developed the business logic using Java Beans and Session Beans.
* Developed Web Services (**SOAP, WSDL, AXIS**) to retrieve and send data to third party service provider.
* Responsible for development of Data Access Objects to interact with the database using **Hibernate ORM**, always tried to reduce the database hits to improve the performance.
* Designed data flow system, divided data flow to modules, defined function and interface.
* Created several Exception classes to catch the error for a bug free environment and orderly logged the whole process using **Log4j**, which gives the ability to pinpoint the errors.
* Used Jenkins build tool to continuously build and deploy the applications to Tomcat server.
* Rewrite complex **SQL queries** to retrieve data efficiently.
* Used **SONAR** to maintain code coverage & quality.
* Worked extensively on **CROSS BROWSER** platform issues.
* Worked on fixing issues and making enhancements to fulfill user needs.

**Environment: Core Java, J2EE, JSP, Struts, Spring, OOAD, Oracle 9i, HTML, EJB3, AJAX, JMS, XML, Design Patterns, ANT, Rationale Rose, IBM RAD IDE, IBM WebSphere Application Server 6.1, Hibernate 3.0, LOG4J, SVN, TOAD, JUNIT, UML.**

**Client: Kony, Hyderabad, India June 2011- May 2012**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Worked on **Object Oriented Design/Object Oriented Analysis** with usage of UML Sequence Diagrams and Class Diagrams with Rational Rose for the Center for Medicare & Medicaid Services project.
* Discussed, analyzed and strategized product design with Product Managers, **UX team** and Business Managers.
* Involved in complete development of ‘**Agile Development Methodology**’and tested the application within each iteration.
* Consumed SOAP web services. Used **JAXB** generate Java classes from **WSDL** and applying business logic. Used **SOAPUI** for monitoring and testing SOAP web services.
* Active participant in bug reviews, QA testing support and responsible for providing production support.
* Improved the performance of application by reducing the login time by using **jProfiler.**
* Used Object/Relational mapping Hibernate framework as the persistence layer for interacting with DB.
* Implemented Oracle Advanced Queuing to send messages to **JMS sever**.
* Implemented Hibernate frame work using **DAOs, POJO Classes.**
* Performed UI development using **JSON objects, JQuery, JavaScript**, **JSP, CSS and custom TagLibs** with client-side validations.
* Wrote Test cases using **JUnit** to validate the application flows in different scenarios in the standalone application.
* Deployed web components, presentation components and business components in Web Logic Application Server.

**Environment: Java/J2EE, Spring, JSP1.2, Servlets2.1, Jasper reports, Hibernate, JMS, IBM MQ, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, XSLT, XML, UML, HTML, JNDI, Rational Rose 98, Oracle 9i, IBM Websphere 6.0, ClearCase, Log4J, ANT, JUnit, IBM RAD, and Apache Tomcat.**

**Client : Ameriprise Financial, Hyderabad, India May 2010 - May 2011**

**Role: Java Developer**

This Project involves redesigning the existing modules involving activities like creation of account, transaction, bill payments and customer services.

**Responsibilities:**

* Involved in developing user interface using **JSP, JavaScript, CSS and AJAX**.
* Used Struts-tiles to develop the layout of web page.
* Worked with **Weblogic**, Tomcat as the application servers and **JMS** as the message Server.
* Did unit testing and integration testing for the stop and transfer modules.
* Developed User-Interface screens involving **Servlets, JSP, JavaScript and XML DOM parser.**
* **JBoss** Server was used as the application server for deploying the application.
* Used JDBC for interacting with database.
* Involved in writing **JUnit** test cases.
* Involved in testing the application and bug fixing.
* Implemented various complex **SQL queries**
* Used **Log4j** for logging application messages.
* Involved in Unit Testing and Bug-Fixing and achieved the maximum code coverage using JUNIT test cases.
* Oracle database was used, wrote stored procedures for common SQL queries.
* Used **ANT Script** for building and deploying the application.

**Environment: Java, JSP, Struts, XML, Websphere, ANT, Log4j, JDBC, CSS, JavaScript.**

**Client : Integra Micro Systems ,Karnataka, India June 2009 - Apr 2010**

**Role : Java Developer**

**Responsibilities:**

* Designed, developed, and configured server side **J2EE** components like **EJB, Java Beans,** and **Servlets**.
* Involved in coding front-end components using **J2EE, MVC, JSP, JSF, JQuery,** and **Ajax**.
* Used AJAX in the JSP side to retrieve the records dynamically from the database and displayed on the front end, it avoids refreshing of total page.
* Designed and developed front end using **HTML, JSP** and Servlets.
* Wrote **Stored Procedures** and Functions for DB2.
* Used JavaScript for the web page validation and Struts Valuator for server side validation.
* Mapped POJO to the tables already created in the database using the \*. Hbm.xml files.
* Designed and Developed java batches using spring batch framework.
* Extensive experience in Struts Tag Libraries and Custom-tag implementations in JSP to embedded business logic.
* Designed, developed and maintained the data layer using Hibernate.
* Involved in creating tables, function and stored procedures in PL/SQL.
* Used **SOAP UI** for testing the web services.
* Involved in JUnit Testing on various modules by generating the Test Cases.
* Used JBoss as the application server.
* Performed unit testing using **JUNIT** framework.