**Kaitlyn Peterson**

**Java Developer**

**SUMMARY:**

* **8** years of experience in **Software Development Life Cycle** (**SDLC**) including requirements analysis, design specification, code development, code integration, testing and deployment using **Object Oriented Analysis and Design** (**OOAD**) with **Java/J2EE**.
* Solid experience in **Object Oriented Programming** and **Design**.
* Extensive programming experience in developing web-based applications using **Java 4/5/6/7**, **JSP 1.2/2.0**, **Servlets 2.4**, **EJB**, **Struts1.x/2.x**, **spring 3.2**, **Hibernate3.5/4**, **JDBC**, **JavaScript**, **Angular 2/4**, **HTML5**, **JS Libraries** and **WebServices** etc.
* Strong experience in **UI**&client-side validations using **HTML 5**, **CSS3, JavaScript**, **JSP**, **Strutstag libraries**, **AJAX**, **JSON**, **XML**, **XSLT** and **JavaScript** frameworks like **Ext Js**, **Angular Js, NodeJs, JQuery**.
* Hands on experience in using message brokers such as **ActiveMQ** andRabbitMQ.
* **Used Java 8 Lambdaexpressions and functional interfaces, wherever possible. Also, used Java8 features like**Streams, Producer, Consumer, Consumeretc.
* Expertise in implementing **MVC** frameworks using **Struts 1.x/2.x**, **spring 3.x**, **Custom MVC** and **Hibernate 3.5/4** for persistence.
* Involved in producing & consuming **SOAP** based &**Restfulweb services** using **WSDL**, **SOAP**, **JAX-WS**, **JAX-RS**, **AXIS**, **CXF**, **SOAUP UI** etc.
* Experience with **XML** technologies like **XML**, **DTD**, **XSD**, **XSLT**, **JAXP (DOM & SAX)**, and **JAXB**
* Expertise in **DBDesign**, **DB normalization**, writing **SQL** queries &**PL/SQLStoredProcedures**, **Functions**, **Triggers**, **Sequences**, **Indexes** and **Views** etc.
* Good knowledge on **NoSQL** Databases **Mongo DB**.
* Expertise in **Collections**, **Threading**, **Generics**, **Enumerations**, **Annotations**, and **ApacheUtility Classes** like **StringUtile**, **Colectomies** etc.
* Involved in using **JMS**&**IBMMQ Series** for **Asynchronousmessaging**.
* Proficient in using **Design Patterns** like **Singleton**, **MVC**, **Factory**, **Abstract Factory**, **DAO**, **ConstantInterface**, **Business Delegator**, **Controller**, **Session Facade**, **Template**, **Builder**etc.
* Experienced in **programming**, **deploying**, **configuring**, and **fine-tuning** middle-tier **J2EEApplication Servers** like open source **Apache Tomcat 5.x, 6.x,7.x**, **JBOSS**, **WebLogic** and **WAS**.
* Experience in **XML**, **Web Services** using **SOAP**, **XML-RPC**, **JAX-RPC**, **JAX-WS**, and **Restful** and also in **Apache Camel**.
* Expertise in Application design and development using **AWS** Cloud services (**VPC**, **S3**, **EC2**, **RDS**, **Route 53** etc.)
* Expertise in producing & consuming **SOAP** based &**Restfulweb services** using **WSDL**, **SOAP**, **AXIS**, **JAX-WS**, **REST-Jersey**, **UDDI**, and **WS-Security**, Spring boot micro services
* Performed unit testing using **JUNIT** test cases and used **Mockito** for **stubbing**.
* Worked on **Mocking** frameworks like using **Karma**, **Jasmine** and **Protractor**.
* Experienced in writing build scripts using **ANT**, **MAVEN**.
* Experienced on **Log4j** and **JUnit**.
* Develop, enhance and maintain a **Spring Boot** based **micro services** application
* Good experience on version management tools **GIT**, **TFS**, **CVS**, **SVN** and **Clear Case**.
* Managed risk analysis and mitigation plans, status/defect reports, and client presentations.
* Proficient in all phases of **SDLC** (**analysis**, **design**, **development**, **testing** and **deployment**) and highly competent in gathering user requirements and converting them into software requirement specifications.
* Flexible, enthusiastic and project-oriented team player with solid communication and Analytic skills to develop creative solution for challenging client needs.
* Coordination with external customer teams and internal teams for successful execution of projects.
* Excellent problem solving, interpersonal, communication and presentation skills.

**TECHNICAL SKILLS:**

**Languages:**Java and J2EE, C++, Python, APEX

**Technologies:**JDBC, Servlets, JSP, JSTL, Java Beans, MVC, Struts, Tiles, EJB, JSF, JNDI, JMS, SOA, SOAP, JavaScript, XML, CSS/CSS3 and HTML/ HTML5, AWS

**Application/Web Servers:** Apache Tomcat, IBM WebSphere, BEA Web Logic, Red Hat J Boss.

**Messaging Systems:**JMS, Active MQ Series, KAFKA, RabbitMQ

**Web Service Protocols:**UDDI, SOAP, WSDL and UDDI

**Version Control Tools:**CVS, Clear Case, Tortoise SVN, Smart SVN, GIT.

**Operating Systems:**Windows 7/XP, DOS, UNIX, and Linux

**Database:**Oracle 9i/10g, SQL Server 2008 R2, MySQL, Mongo DB, Cassandra.

**IDE Tools:**Eclipse, My Eclipse, IBM Rational Application Developer, IntelliJ, and NetBeans 

**PROFESSIONAL EXPERIENCE:**

**Client:** Hartigen, Houston, TX

**Role:**Full Stack Developer

**Duration:** June 2017 – Nov 2018

**Environment:** Java 1.8, JBoss, JSP, Angular 2/4, Type Script, Bootstrap, REST, Spring 4, Hibernate, IntelliJ, Oracle 10g/11g, XML, JavaScript, CSS3, HTML5, Windows, Rational Rose, JUnit4, Maven, AWS,Jenkins, Agile, JIRA, TeamCity.

**Description:**EPS is the system to provide to enroll different types of Payers, Providers and Billing Services, in order to process the payments of the corresponding users. It allows making different payments or credit payments to corresponding users. CAMS is the system to process the claims received for the different systems and adjudicate the claims.

**Responsibilities:**

* Involved in the requirements review meetings and partnered with business analysts to clarify any specific scenarios.
* Analyzed the business requirements and created use cases and prepared low and high-level design documents.
* Validating user actions on the client side and providing responsive feedback by using **Angular 2**.
* Worked on **Angular 2** components for the separation of concerns.
* Involved in designing mockups for the **Angular 2**/**4** component development.
* Worked with **J2EE** design patterns in **MVC** architecture with **spring**.
* Used the **JNDI** for Naming and directory services.
* Involved in the integration of frameworks like **spring** and **Hibernate**.
* Developed the front end using **HTML5**, **CSS3**, **Bootstrap**, **JavaScript**, **AJAX**, **Angular 2**, **Type Script** and **XML**.
* Developed **POJO's**, **Data Access Object** (**DAO**) which handles all database operations using **Hibernate**.
* Designed a **RESTfulAPI** with **Spring 4**.
* Wrote **classes** and **interfaces** for implementing business logic and validations to be used while workflow execution.
* Development of internal dashboard applications using the **Apache HTTP Server**.
* Development of **DAO** layer using **HibernateTemplate**, **JDBC Template** and **Mongo Operations**.
* Implemented **agent-server messaging** dialog using **Camel** and **JMS** (**Active MQ** implementation)
* Part of the team migrated from **WebLogicJMS** to **Active MQ**.
* Used different type of **Spring** controllers depending on the business requirement.
* Implementation of **Spring** security and **LDAP** integration.
* Development of Rest web services using **Spring** with the enabled **OAUTH**.
* Implementation of second level cache in **Hibernate**.
* Wrote **build**&**deployment** scripts using **Ant**, **Maven** on **UNIX** environment.
* Creating **S3** buckets and also managing policies for **S3** buckets and Utilized **S3** bucket and Glacier for storage and backup on **AWS**.
* Created **EC2** instances using cloud formation Templates on **AWS**
* Involved in the deployment of the application using **WebLogic** Server.
* Used **GIT** for Version Controlling.
* Handled operations and maintenance support for AWS cloud resources which includes launching, using SOA
* Involved in **unit** testing, **integration** testing, **smoke** testing etc.
* Involved in peer level code and design reviews.
* Involved in fixing **QA** defects and tracked then using **Quality Center**.

**Client:**Nike, Portland, OR

**Role:**Sr. Java Developer

**Duration:**Aug 2015 – June 2017

**Environment:** JDK.7, J2EE5, Tomcat, JSP, Angular JS, Bootstrap, Maven, Struts, SOAP, REST, Hibernate, Eclipse, Oracle 10g/11g, XML, Java Script, CSS, HTML, SVN, Windows, Rational Rose, JUnit4, Agile,APEX, FORCE.com, TDD, Python, SCALA 2.10/2.11, SBT, Scala Mock, Salesforce,Spring boot micro services.

**Description:**Nike is a highly diversified and growing financial services organization spanning the retail, business and corporate markets. Managed the implementation of major customer facing web properties for clients. Environment included Spring, Spring Security, Oracle, HTML5, JavaScript, CSS3, Apache, JUnit, Mockito, Subversion.

**Responsibilities:**

* Used Agile Software Development for developing the application
* Involved in user requirement specification and preparing requirements documents and translated business rules into business component modules.
* Designed User Interfaces using **Angular JS**, **CSS3**, **XML** and **HTML5**.
* Implemented **MVC** architectural design pattern.
* Developed Visualforce pages, Visual flow and Custom Objects using Apex Programming on Force.com Platform.
* Experience in unit testing the application using JUnit and also in Test Driven Development (TDD).
* Prepared Test Scenarios/Cases in Feature files in Cucumber using Behavior Data Driven Framework (BDD)
* Good knowledge on Apex development in creating custom Objects, custom Tabs, Triggers, Apex Classes, Force.com API, Standard Controllers, Custom Controllers and Controller Extensions.
* Used **Angular JS** as the development framework to build a **single-page application**.
* Used built in **Directives** and **Custom Directives** to manipulate **DOM** elements.
* Leveraged **Angular** resources for all data access and standardizing data access interfaces.
* Implemented the application using the concrete principles laid down by several **Java/J2EE** Design patterns like **MVC**, **Singleton**, **Data Transfer Object** (**DTO**).
* Extensively worked on form validation using the Spring Validator framework.
* Developed **Form Beans** and **Action Classes** to model views and client-side functionality.
* Used the **Struts Validator** framework for validating the forms.
* Used **SOA** framework with **hibernate** to map **oracle** database.
* Wrote deployment descriptor and configuration files using **XML**.
* Configured and deployed the application in **Tomcat**.
* Implemented **dependencyinjection** for defining objects.
* Involved in developing the **core business** logic using **spring**.
* Made standard **eclipse** application into standalone **OSGI** environment and deployed on **Tomcat** by filtering out all the **eclipse** dependencies.
* Used **Log4J** for logging and tracing messages.
* Used **JIRA** tool to communicate with other team members in **QA** and production.
* Used agile methodologies, test driven development and automated builds
* Checked status of deployed applications & created weekly reports needed by different teams.
* Responsible to identify the root cause of the issues, work on the tickets.
* Gave support for any critical issues when needed such as code fixes
* Developed frontend and backend modules using Python on Django Web Framework with GIT.
* Tested components using **Unit Test** mock frameworks during development.
* Responsible for writing **Mavenscripts** for building and deploying the application.
* Administrated and monitored the company's Salesforce CRM application. Created the workflows for automated lead routing, lead escalation and email alert
* Used **SVN** for source code version control.

**Client:** Magellan Health, Columbia, MD

**Role:**Sr. Java Developer

**Duration:**Sep 2013 – Aug 2015

**Environment:** JDK1.6, J2EE, Spring, Struts, Hibernate, JSP, RAD, WebSphere7.0, Oracle10g, SOAP, JBoss, WSDL, JNDI, UDDI, EJB, Spring IOC, CVS, XML, JIRA, Jenkins, Maven, Ant, JUnit4, Log4j, OSGI, SOAP, UML, Docker, Web Services

**Description:** To develop the desktop environment applications and which are built on top of the Eclipse platform. Writing accessors, builders and mappers in handling all the types of database operations. Developed code generator templates to generate the skeleton code based on the model defined. Developing the Rest let client generator to generate the client based on the data source defined.

**Responsibilities**:

* Used **Agile** Software Development for developing the application.
* Introduced the **OSGI** service for the plugin environment.
* Developed custom accessors to all type of **CRUD** operations on top of the custom framework.
* **JBoss** Installation and monitoring the status of the server.
* Used **Apache Mod AUTH** and **JAAS** patterns on top of **Apache HTTP** server for various internal applications.
* Developed the accessors to use the **Jboss** teiid driver to use the **VDB** deployed on **Jboss**.
* Developed **maven** configuration files for all the existing plugins to make part of the build.
* Used **Jenkins** tool and made customizations according to the local build to track out the build status.
* Enhanced the existing **Restlet** framework to support all the bulk data CRUD operations.
* Implemented the authentication for the **Restlet** framework. Used **SOAP** and **WSDL** for web services.
* Deployed the application **JBossFuse** application server.
* Used **SpringRestTemplate** to use the exposed **REST** Web Services.
* Used **Spring AOP** in case of logging and security.
* Extensively used **JUnit** and defined Various Test Suites and **Test** Cases.
* Involved in writing the **Ant** scripts to **build** and **deploy** the application.
* Used **Log4J** extensively for **logging** purposes into the application.
* Used **Jenkins** for integration.
* Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
* Worked on creation of custom Docker container images, tagging and pushing the images
* Provide **Ant** and **Mavenbuild** tool for building and deploying the application.
* Used **Web logic** Application Server for application deployment
* Used **SVN** repositories for version controlling.
* Developed new **XSD** and modified existing **XSD** that were to be used for building different types of

services.

* Developed **unit** and functional test cases.
* Used **JIRA** tool to for work tickets
* Involved in wrap-up meetings and in estimating the timeframe for each story and helped in deploying the application on the server for each **iteration** of the **agile** software development.
* Involved in weekly code walk through.

**Client:**CA Technologies, Austin, TX

**Role:**Java Developer

**Duration:**Oct 2010– Aug 2013

**Environment:** Struts, JSP, EXT JS, Hibernate, Spring, JBoss6.0, Websphere7.0, REST, JSTL, MVC, J2EE, JDBC, Ant, Jira, Log4j, Oracle 10g, Tomcat, HTTP, XML, SVN, and SOA.

**Description:**CA Technologies allows for the greatest amount of data and brings science to your decision-making process faster and more consistent. The platform leverages the state-of-art artificial intelligence infrastructure from industry leaders IBM Watson, Microsoft, Google. Cerebri decisions incorporates science into your decision-making processes without disrupting your current systems, workflows and security protocols.

**Responsibilities:**

* Involved in the gathering of system requirements.
* Prepared specification requirements documents (**SRS**)
* Designed **Business Object Model**, which involved using **Rational Rose** to generate **class** diagrams and **sequence** diagrams.
* Involved in developing **SOA**-**based** application with distributed multi-tier applications that had
* **Presentation**, **business logic**, and **persistence layers**.
* Responsible for setting development environment using **WebSphere**.
* Employed **Model View- Controller** (**MVC**) architectural design pattern.
* Used **JSP** and **JSTL** technologies to implement the presentation layer.
* Extensively used **Ext Js**.
* Developed the login **servlets** and related session beans which is responsible for initial authentication of the different types of users supported by the system (admin/manager, etc.)
* Involved in implementation of the **controller layer** based upon **Struts controller**.
* Implemented Jersey and **Spring** to develop **RestfulWebServices**.
* Involved in developing the core business logic using spring.
* Converted from **JDBC** to **Hibernate**.
* Used **Hibernate** for persistence.
* Extensive experience on the back end to modify **businesslogic** by making extensive enhancements.
* For improved data consistency, input data validation was performed using **client-side scripts**, **server-side checks**, and **database triggers**.
* Implemented the logging framework in the **SOA** environment.
* Involved in the business logic-coding framework to seamlessly map the business logic into respective value beans.
* Involved in **jUnit** testing while deploying the application to **Quality Assurance**.
* Used **SVN** for Version Control

**Client: Comdata, Brentwood, TN**

**Role:**Jr Java Developer

**Duration:**Jan 2009 – Oct 2010

**Environment:** Hibernate, Apache Axis, Eclipse, Clear Case, JSP 2.1, Struts, Log4j, Junit, WebLogic Application Server, XML, XSL, HTML, JavaScript, JBOSS, Oracle 9i, Windows, SVN, Ant, Maven, web services.

**Description:**The range of these maintenance activities is from small fixes for existing defects to implementation of new business rules in an established product.

**Responsibilities:**

* Involved in the all life-cycle design and development.
* Used Waterfall model.
* Responsible for requirement gathering and analysis through interaction with end users.
* Involved in designing class diagrams, interaction diagram using UML model with Rational Rose.
* Used **CSS** for page layouts and **JavaScript**.
* Involved in developing **JSP** pages using **Strutscustom tags**, **jQuery** and **Tiles** Framework.
* Used **JavaScript** to perform client-side validations and **Struts-Validator** Framework for **server-side** validation.
* Design and development of application using **J2EE**, **struts**, **technologies**/**frameworks**
* Developed the components for parsing **XML** documents using **SAX** and **DOM** parsers.
* Developed **SOAPWeb Services** functionality in the application to allow external applications to access the data.
* Used **Hibernate** for persistence management.
* Used Hibernate as **ORM** tool and defined the mapping and relationship of each table in database.
* Made use of **Struts Tag Libraries**, **JSPs**, **HTML**, **JavaScript**, **AJAX** and **CSS** to develop the frontend **UI**
* Implemented ORM with **hibernate** to make the Persistence class objects of the domain model to access and interact with numerous Oracle database tables spanned across various schemas.
* Apache **Maven** is used as Build tool to automate the build process for the entire application.
* Used **SVN** repositories for version controlling, and Log4J is used for Logging and Tracing the messages.
* Participated in switch from **JDBC** to **Hibernate**
* Implemented SQL Queries stored procedures and triggers using **PL/SQL** and oracle database
* Used Maven plugin while developing applications using **Struts**.
* Developed and implemented several test cases using **JUnit** framework.
* Coordinated with **QA** team to ensure the quality of application.
* Used **Jira** tracker with team members.
* Deployed the application in **BEAWebLogic** Application Server.