**Swati Kilambi**

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**(470) 231-6952**

**SUMMARY:**

* Having 8+ years of experience in Building Web Applications, Tele communication, Designing, and Software Process Engineering using Java/J2EE Technology and using other open-source technologies for Banking, IT, Finance domains.
* Good understanding of middleware concepts like transactions, connection pooling and messaging
* Expertise in Frameworks (Spring, Jakarta Struts), Java Design Patterns, OOAD, Use Cases, Sequence Diagram and Class Diagrams using UML.
* Well versed with Core Java concepts like Collections, Multithreading, Serialization and Exception Handling. Worked on OOPS concepts such as Abstraction, Encapsulation, Polymorphism, and Inheritance.
* In-depth knowledge of Java Servlets with database connectivity using JDBC, Java Beans, Java IO, JSP, JSTL, CSS, JavaScript, HTML, XML, XSLT, XML Schema.
* Worked with complete Software Life Cycle Development (SDLC) process which incorporates Requirement Gathering, Analysis, Designing, Developing, Testing, Implementing and Documenting the whole life cycle utilizing different approaches like Waterfall, Agile, Scrum, Test Driven improvement (JUNIT, Mockito) and Rapid Application Development.
* Expertise on designing, developing Microservices using Spring Boot and Spring Cloud using 12 factor design considerations. Have strong expertise in migrating the legacy apps to the microservices.
* Experience in Restful Services, Web Services, SOAP, IOC, JAXP, JAXB, JAX-RPC and SOA.
* Experience in PL/SQL with Oracle 10g/9i R2/8i.
* Strong working Knowledge on Amazon Web Services (EC2, S3 EC2 Container Service (ECS), CodeCommit, CodePipeline, CodeDeploy, Auto Scaling, Security Groups, Redshift), using the Elastic Search APIs (Document, Search, Indices, Cluster, etc.)
* Good Implementation knowledge of base classes, setting up framework classes/configuration files for implementing J2EE application using complete set of JAVA SDK and available J2EE APIs.
* Adept skills in working with applications developed using Object Relational Mapping (ORM) frameworks like Hibernate and MVC frameworks like Spring MVC.
* Experience in developing critical and responsive GUI /front-end components using HTML5, CSS3, Angular JS, Node JS, Bootstrap, JavaScript, Typescript, AJAX, JSON, JQuery, React JS
* Strong working expertise in implementation of Java Development Kit (JDK), Java Virtual Machine (JVM), Java Run-time Environment (JRE), Just in Time Compiler (JIT), Java Compiler (javac) to develop different Java based applications.
* Proficient in SQL, PL/SQL developer Stored Procedures, Triggers, Functions and Packages besides writing DDL, DML and Transaction queries with development tools on Oracle.
* Strong working Knowledge on development of Microservices.
* Experience in working with various distributed version controlling tools like GitHub and Bitbucket. Have implemented git flow for the prefixing the branches.
* Having experience in DevOps Docker and Kubernetes, CI/CD with Jenkins.
* Experienced in a fast-paced Agile Development Environment including Test-Driven Development (TDD), Scrum and SAF(Scaled Agile Framework).
* Experience in Requirement gathering & analysis, designing UML - for developing application specific Object model, Use Case diagrams, Class diagrams, Sequence diagrams & State diagrams.

**TECHNICAL SKILLS:**

**Languages:** Java, J2EE, PL/SQL, Scala

**JAVA Technologies:** Java, J2EE, Full Stack, JSP, Servlets, elastic search, JDBC, JNDI, EJB, JSF, Spring, kafka, Framework

**Web Technologies:** HTML, XML, CSS, AJAX, JavaScript, JQuery, JSON, AngularJS-2.0, Node Js

**Middleware Technologies:** Web Services (SOAP, REST, UDDI, WSDL, WADL and Restful)

**Operating Systems:** Windows, Linux, UNIX

**SDLC Methodologies**: Agile, Waterfall, Scrum, TDD

**XML:**  XML Schema, DTD, XSLT, XPATH, SAX and DOM parsers.

**Application Server/Web Server:** IIS, Tomcat, Apache, WebSphere 6.0, JBoss4.0, WebLogic10g, logstash

**Databases:** Oracle 10g, 11g, DB2, SQL Server, MySQL, Mongo DB

**MVC Frameworks:** SpringMVC, Srtuts, SpringWebFlow

**ORM:** Hibernate

**Version Control Tools**: Git, GitHub, Bitbucket, Rational Clearcase, Perforce and SVN.

**Cloud Technologies:** Amazon Web Services (AWS), S3

**Other Tools:** Log4J, JUnit, Ant, Maven, Apache Lucene, Apache Tika, JIRA, Putty, Node.js, React.js. Angular.js, IBM WebSphere Message Broker, Jenkins, JTA, Putty, JBoss Fuse, JBoss BRMS, JQuery

**PROFESSIONAL EXPERIENCE:**

**Client: Highmark Health, GA, Remote Jun’21 to Till Date**

**Senior Java Developer**

**Responsibilities:**

* Implemented all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications and Development of the Application.
* Followed Agile approach for the development process.
* Developed the server-side business logic using Helper classes and DAO access layer classes.
* Used JSP, HTML, Java Script, Jquery JS and CSS for content layout and presentation.
* Developed Web services and written SOAP and created WSDL for web services.
* Developed various modules using MVC Struts.
* Used Spring IOC, AOP modules to integrate with the application.
* Used Hibernate as persistent layer by mapping to the tables.
* Experience in writing Beans, Action Classes and Business Delegates using Action Forms, DynaActionForm and Validator Action Forms.
* Create Hibernate.hbm mapping files for Data Models and configuring in hibernate.cfg.xml.
* Implemented the design of the applications using J2EE using Model/View/Controller (MVC) design pattern.
* Developed Spring Beans and Configured Spring using applicationContext.xml.
* Involved in the integration of Struts with Spring Framework and implemented Spring MVC, Spring IoC, Spring AOP, Spring JDBC, Spring Persistence with JPA.
* Configured Front Controller in springapp-config.xml of Spring MVC and implemented Spring Web flow.
* Written DAO classes to interface with Database using hibernate.
* Used XML parsers to parse the XML data
* Used O/R mapping tool Hibernate for persistence data.
* Developed and flexible, scalable, utilizing open-source technologies like Hibernate ORM and Spring Framework.
* Wrote the Hibernate-mapping XML files to define java classes–database tables mapping.
* Used Hibernate Template for various database update, insert, delete operations and for invoking functions, stored procedures, triggers.
* Created Database tables and schema in Postgres based on data flow requirements.
* Written database Functions, Procedures and Triggers as per the business logic requirements.
* Build scripts were written to create a run time environment for ANT.
* Wrote JUnit test cases for testing the Business layer and the service layer.
* Develop and testHTML5, CSS3, React.JS, Angular that meets accessibility and web browser standards for website
* Used React-Router to turn application into Single Page Application
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Scripting using BASH, PERL, Python Mail Server, Samba Server, and Apache Server.

**Environment:** Java, J2EE, JSP, Servlets, Struts, Spring, Hibernate, Postgres, MVC, AJAX, Java Script, CSS, HTML, ANT, XML, JUnit, Apache Tomcat Server, JBOSS. Reactive Programming.

**Client: Sherwin-Williams, Atlanta, GA, Remote Oct’19 to May’21**

**Java Developer**

**Responsibilities:**

* Developed Java applications to run in containerization like embedded Tomcat container, single node Docker container and in cluster Kubernetes environment.
* Developed Spring Boot applications to run in embedded Tomcat container in cloud.
* Using Eclipse to develop backend messaging application with Spring Integration to receive raw text messages, translate into xml format for Drool validation, persist data into Oracle, send response messages back to the filer to notification the status of their submission.
* Developed backend messaging application with Spring Integration to receive raw text messages, translate into xml format for Drool validation, persist data into Oracle, send response messages back to the filer to notification the status of their submission.
* Developed scheduled services by using Spring Batch to query data from Oracle database to generate xml messages and send to IBM queues to trigger Notification service to send notification messages to the Trade.
* Use Spring MVC to develop web UI to view goods that enter the U.S, then CBP officers can review and deny or accept them.
* Use Angularjs to dynamically display data on the page.
* Use Javascript server side Node.js event-driven to create high performance, real-time applications.
* Developed Simplified Entry (SE) system which streamlines how filers transmit entry data to CBP to facilitate trade.
* Developed translator to translate a Flat File into xml and vice versa.
* Used Drools engine to validate the content of translated incoming xml messages to notify the filers if their filing has been accepted or rejected.
* Developed BPEL application and Oracle to route, validate messages and invoke Persistence web service to persist data into Oracle.
* Build Java webservice to be called from SOA Suite application with WebLogic to move data converted from flat files raw data to XML outputs into Oracle.
* Built web services which are deployed to WebLogic to be called by BPEL.
* Using Spring Boot to migrating existing applications to AWS Cloud.
* Built RESTFUL web services which are deployed to WebLogic’s to be called by existing .NET applications and Java UI.
* Developed new JSP web pages to display the received Simplified Entry data and allows CBP officers to make corrections.
* Developed JSP pages to display SE on file and SE correction request side by side, highlighting the differences between SE on file and SE correction, so that CBP officers can decide whether to accept the new changes or reject them. If an SE is accepted, the UI would generate the xml data file and transmit it to an Websphere queue, from there, BPEL would grabs the message and notify all related systems.
* Developed JSP pages to display SE on file and SE correction request side by side, highlighting the differences between SE on file and SE correction, so that CBP officers can decide whether to accept the new changes or reject them. If an SE is accepted, the UI would generate the xml data file and transmit it to an WebSphere queue, from there, BPEL would grabs the message and notify all related systems.
* Developed Scheduled Service using Spring Batch to schedule jobs which run on daily basic.
* Experience with WebLogic, Tomcat
* Develop XML schemas and used JAXB Framework to be generated java objects from these xml schemas. When an incoming xml message is received from IBM WebSphere queue, this message will be serialized (marshaled) into objects, then insert data into these objects into Oracle.

**Environment:** Java/J2EE, Spring, JSON, XML, JavaScript, AWS, HTML, SQL, JUNIT, XML, RESTful, WebSphere Application Server, Tomcat, Data Structures, JDBC Queries, Eclipse Link, POSTMAN, MVC, Advanced REST Client.

**Client: Globe Life, TX Nov’17 to Sep’19**

**Java Developer**

**Responsibilities:**

* Followed Agile/Scrum methodology to iterate quickly on product changes, developing user stories and working through Backlog, JIRA to record and monitor the stories and backlogs
* Used JIRA to keep track of bugs to reduce downtime, increase productivity, and Communication
* Experience with Docker (images and containers) and Exposure to AWS Cloud Deployments and CI/CD DevOps Practices
* Hands on experience in Configuration Management, Cloud Infrastructure, and Automation like Amazon Web Services (AWS), Ant, Maven, SVN, Git-hub, Clear Case and Tomcat
* Consumed REST services using Angular HTTP and performed various REST Http operations for data retrieval and updates
* Core Java with Concurrent API is used extensively for parallel processing and chunk processing of trade execution data and market data and converts into JSON and store it DB
* Developed Micro services &APIs using Spring Security, Spring Boot, Spring Integration
* Performed REST validations and created REST exception Handlers and used Postman to test REST services
* Developed unit test cases using Junit, test REST microservices with spring Junit runner
* Developed service using Spring Cloud Function which process data sent Amazon S3 bucket and Amazon Kinesis streams using inbound Lambda which parses data, validates, calculates, and stores in DB. Out bound Lambda processing generate out files sent to Legacy system
* Used Java 1.8 Lambda expressions and Stream API to support functional-style operations on streams of elements
* Worked on Java functional programming concepts like Streams, Functional Interfaces, new date time API and lambda expressions
* Design and implementation of different micro services and its Docker files
* Leveraged Elastic container services to run Docker micro services in AWS
* Used Multi-Threading and collection framework including List, Map etc
* Used Apache Maven as a build tool for building the Restful web-service
* Created CloudWatch alerts to notify support team in the event of high CPU utilization, high diskspace utilization, high network utilization etc
* Created AWS Config to track resources inventory and configuration changes

**Environment:** Java, concurrent package, lambda expressions, streams, JavaScript, , JDBC, JPA, Hibernate, JAX-B, JAX-RS, , Oracle , GitHub, , ServiceNow, Spring Boot, Spring Batch, JMS, Tibco EMS Autosys, Eclipse, Unix, JUnit, Log4J, Angular 6,HTML, CSS, and Bootstrap, Docker, AWS, Swagger, Microservices, Docker, AWS, JIRA, Jenkins.

**Client: Virta Health, SFO, CA Jan’16 to Oct’17**

**Java Developer**

**Responsibilities:**

* Implemented all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications and Development of the Application.
* Followed Agile approach for the development process.
* Developed the server-side business logic using Helper classes and DAO access layer classes.
* Used JSP, HTML, Java Script, jQuery JS and CSS for content layout and presentation.
* Developed Web services and written SOAP and created WSDL for web services.
* Developed various modules using MVC Struts.
* Used Spring IOC, AOP modules to integrate with the application.
* Used Hibernate as persistent layer by mapping to the tables.
* Experience in writing Beans, Action Classes and Business Delegates using Action Forms and Validator Action Forms.
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* Wrote the Hibernate-mapping XML files to define java classes–database tables mapping.
* Used Hibernate Template for various database update, insert, delete operations and for invoking functions, stored procedures, triggers.
* Created Database tables and schema in Postgres based on data flow requirements.
* Written database Functions, Procedures and Triggers as per the business logic requirements.
* Build scripts were written to create a run time environment for ANT.
* Wrote JUnit test cases for testing the Business layer and the service layer.

**Environment:** Java, kafka, J2EE, JSP, myServlets, Struts, Spring, Hibernate, Postgres, MVC, AJAX, Java Script, CSS, HTML, ANT, JUnit, Apache Tomcat Server, JBOSS.

**Client: Mindtree, India Mar’14 to Nov’15**

**Software Developer**

**Responsibilities:**

* Developed RESTful web application to include mapping functionalities and development of UI framework using HTML, XML, CSS, JavaScript, TypeScript and Angular JS.
* Used JMS integration with Active MQ for the middleware requirements.
* Developed and implemented the MVC Architectural Pattern using Spring Framework and used Spring IOC container to maintain core Objects Lifecycle.
* Created application on Spring Batch framework and Multithreading to improve performance and also used Multithreading for faster and parallel processing of documents.
* Designed and implemented applications using JSP, Spring MVC, Spring IOC, Spring Annotations, Spring Batch, Spring AOP, Hibernate, JMS, Oracle and WebLogic server.
* Actively involved in different levels of development using J2EE (Multithreading Framework) and Oracle as backend.
* Developed Message Driven Beans for receiving and processing data from IBM MQ Series using JMS.
* Used parsers like SAX and DOM for parsing xml documents and XSLT for XML transformations.
* Work with SQL queries to store the data in Oracle
* Used Eclipse as IDE for developing code modules in development environments.

**Environment:** Java, SpringMVC, Oracle, Eclipse, Hibernate, Maven, jQuery, Angular JS and Github.

**EDUCATION:**

* Bachelors from Karnatak University, Dharwad, India.
* Masters from Karnatak University, Dharwad, India.