‬‬‬‬‬‬**Swathi Upputuru**

**Java Developer
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**(304) 906-4984**

Professional Summary

* Over 9+ years of experience in IT industry as **Java/J2EE Developer**, worked in the areas of Analysis, Design, Development, Production Support and Deployment of Web based applications using **Object Oriented Concepts, Java and J2EE, Web Services (SOAP, RESTful, WSDL), JavaScript, AWS, JDBC, Servlets, Struts, Jenkins, AJAX, HTML and XML, JMS.**
* Complete knowledge on **Agile** and **SCRUM** structure of software development by conducting meetings and co-ordinating with the team members to meet the deliverables.
* Hands-on experience using **Spring** Framework in business layer for **Dependency Injection, AOP, Spring MVC,** transaction management and using **Hibernate** as a persistence layer.
* Strong experience in software development methodology such as **Agile**
* Having knowledge on **Java 8** features like **Lambda expressions** and functional interfaces, and Parallel Streams.
* Experience in **AngularJS, ReactJS, NodeJS** framework.
* Extensive knowledge on the spring modules like **Spring IOC, Spring Boot, Spring DAO, Spring Web flow, Spring Security, Spring MVC and Spring AOP.**
* Experienced in AWS Cloud platform and its features which includes **EC2, S3, AMI, AWS CloudWatch,**
* **Also, worked on End-to-end deployment ownership for projects on Amazon AWS.**
* Extensive knowledge and working experience of web development technologies such as, **JavaScript, jQuery UI, SS3, SASS and Bootstrap**.
* Proficient in using **RDBMS** concepts and have experience in working with multiple relational databases such as **Oracle, DB2, MySQL and NoSQL database** like **MongoDB, PostgreSQL, Cassandra DB, Couch DB**.
* Experience in writing **SQL queries**, stored procedures, functions, packages, views, Triggers, data connectivity and data integration of **Oracle**.
* Worked on B2B development works on **BEA WebLogic 9/10/12, IBM WebSphere 6/7, Tomcat 6/7/8 and JBOSS Applications servers.**
* Good Knowledge on **Object Oriented Programming (OOP), Analysis and Design (OOAD) Concepts and designing experience using UML,** Rational rose to develop UML or design artifacts like Class diagrams, Sequence diagrams and Use case realization.
* Developed Web Services with **JAX-WS (SOAP)** and **JAX-RS (Restful).**
* Solid programming skills and experience in development and implementation of Client/Server 3-tier architecture-based applications using **JAVA, JDBC, JSP, Servlets and JavaBeans.**
* Extensive experience in IDE tools like **Eclipse, Net Beans, RAD, WID (Web Sphere Integration Designer).**
* Worked on data logging framework such as: **Log4j**, to detect logging data and to analyze data traffic.
* Experience in version control tools like **Jira, GIT, SVN, CVS** and Microsoft visual SourceSafe.
* Expertise in **Unit Testing, Integration Testing, System Testing,** and experience in preparing the **Test Cases, Test Scenarios and Test Modules and Test plans.**

TECHNICAL SKILLS:

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| Programming Languages |  C, C++, Java, PL/SQL. |
| JavaScript Frameworks | Angular JS, Angular, jQuery, Node.js, Backbone.js, React.js, Express.js. |
| Java/J2EE Technologies |  Spring, EJB, JPA, JTA, JDBC, JSP, JSTL, Java 1.8 |
| Frameworks | Struts 2.0/1.0, Hibernate 4.x/3.x, Spring 3.0, Spring Batch, Spring Security, Spring AOP, Spring Core, JSF, IBatis, Spring IOC. |
| Web Technologies |  HTML, HTML5, CSS/CSS3, AJAX, jQuery, Bootstrap, XML, Grunt, Gulp, JSON. |
| Database |  SQL Server, MySQL, Oracle, Mongo DB, DB2 |
| Web Services |  XSD, WSDL, Apache Axis, SOAP, Restful, JAX RS, JAX WS |
| Messaging | JMS (Java Message Service), IBM MQ, Apache Active MQ, Apache Kafka  |
| Application Servers | Apache Tomcat, WebLogic, IBM WebSphere, JBoss |
| Methodologies |  Agile, Waterfall, OOAD, SCRUM, TDD, Scrum |
| Testing Tools |  JUnit, Mockito, Jasmine, Karma, Mocha, Selenium  |
| Version Control | SVN, CVS, GIT |
| Build Tools |  Maven, Gradle, ANT, Cruise Control |
| IDEs | Eclipse IDE, RAD 6.0/7.0, IntelliJ IDEA, Spring Tool Suite (STS) |
| Operating Systems |  Windows, Linux, and UNIX |
| Software |  Visual Studio, Rational Rose, and Microsoft Office |

EDUCATION:

* Bachelors in Computer Science & Engineering from Acharya Nagarjuna University, 2012

Professional Experience

**Client:** **Barclays-** **Wilmington, DE**

**Oct 2022 -Present**

**Role: Sr. Java Developer**

Responsibilities:

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modelling, analysis, design, development, and testing.
* Developed robust and scalable applications using Java 17, leveraging its latest features to enhance performance and maintainability.
* Used Rational Application Developer (RAD) as Java IDE tool for creating JSPs, Servlets, EJBs, and XML.
* Pooling up most apposite design pattern for SOA and implementing interface to reduce code reuse. Understanding the Business Process and developing logic and software stack based on business flow.
* Core Java development and Support of Java/J2EE applications with emphasis on OOP-based web forms, business logic, database access components.
* Successfully migrated legacy codebases or applications to Java 17 while ensuring compatibility, resolving dependencies, and implementing necessary refactoring's.
* Developed and designed new cross-browser accessible interfaces using jQuery and JavaScript.
* Used java 8 features like stream, lambda expressions, Local Date objects etc.
* Designed integration tests, ensuring functionality and availability of system modules and Microservices.
* Designed, configured, and deployed containers and Microservices using EC2 Container in Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon cloud formation.
* Designed and developed the application useful for data management and reporting systems using Java, HTML5, CSS3.
* Used Jenkins for continuous integration and Maven for building the EAR file.
* Used Java 8 features such as Lambda Expressions to make the code concise and Stream API to increase the performance and manage some of the AWS Services.
* Implemented automated build processes and continuous integration using tools like Jenkins or GitLab CI/CD pipelines for seamless deployment of Java 17 applications.
* Design domain specific language system using groovy/grails framework.
* Monitored and maintain the logs of PCF Spring Batch application from PCF Apps manager.
* Build REST web service by building Node.js Server in the back end to handle requests sent from front-end jQuery Ajax calls.
* Implemented Model View Controller (MVC) architecture through spring at the Web tier level to isolate each layer of the application to avoid the complexity of integration and ease of maintenance.
* Implemented Angular component router for navigation and the services to connect the web application to back-end APIs.
* Developed Apache Camel endpoints and used producer template to route messages to JMS queues.
* Developed adapters to retrieve data from cloud using SOAP & Rest and security protocols WS Security, OAuth 2.0
* Integrated Microservices with Hibernate ORM using Spring Boot and wrote HQL queries for data access.
* Used JSON for data transmission for Microservices.
* Analysed the Node.js server structure in legacy project, then mimicked the REST service by using Java JAX-WS API and did the corresponding configurations.
* Develop RESTful web services using Grails Framework
* Involved in programming on the core application development using multi-threading that combines Hibernate and Spring.
* Installation, administration, and maintenance of CI/CD applications: Jenkins, Artifactory, SonarQube, Stash and Docker.
* Extensive use of Spring components like, Spring Core, Spring MVC, Spring Boot Microservices.
* Developed web services components using Apache Camel, SOAP, WSDL, JAXB, and JAX- WS with java.
* Worked on NoSQL database like MongoDB as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Worked with NoSQL database MongoDB and created pipeline from MongoDB Cluster.
* Used Angular 4/6 Reactive forms to implement complex forms and performed the validations using Form Builder.
* Created tasks for updating tracked files and compiling typescript files.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Developed user interfaces for policy owner module using JSPs, Struts Tag Library, and Tiles.
* Used GIT to maintain the version of the files and took the responsibility to do the code merges by creating new branch when new feature implementation starts.
* Extensive use of Angular JS for developing the SPAs (Single Page Applications) for internal application/tool.
* Worked with container-based deployments using Docker, working with images, Hub and registries and Kubernetes.
* Used Maven for dependency and configuration management to add dependent external jars and bundles, run and deploy.

**Environment:** Java 8, JSP, Spring, AWS, EJB, JMS, XML, XSLT, JDBC, AJAX, HTML, Tomcat, CSS, Oauth 2.0, Bootstrap, GRAILS, JavaScript, Oracle 11g, Angular 4/6, Typescript, Restful, SOAP, jQuery, Hibernate, JPA, Microservices, Apache Camel, PL/SQL, JBoss, Docker, IBM MQ, Log4J, Maven, Mongo DB, Junit, Mockito, JIRA.

**Client: Kaiser: Pleasanton – CA**

**Dec 2021 – Sep 2022**

**Role: Java Developer**

**Responsibilities:**

* Struts Framework in conjunction with JSP and Tag Libraries used in developing user Interface for administrative screens and user interaction screens.
* Documenting and understanding the business requirements and use cases for the application.
* Core Java coding and development using Multithreading and Design Patterns.
* Core Java development and Support of Java/J2EE applications with emphasis on OOP-based web forms, business logic, database access components.
* Worked with Jenkins Continuous Integration and Continuous Deployment (CI/CD).
* Designing and implementing scalable, RESTful, and Microservices-based backend. The backend is being written in Java using Spring Boot for simplicity and scalability.
* Used Microservices development using spring boot and deployment in Pivotal Cloud Foundry (PCF)
* Involved in writing and invoking the Spring MVC calls.
* Implemented the caching mechanism in Hibernate to load data from Oracle database.
* Created plugins to extract data from multiple sources like Apache Kafka, Database and Messaging Queues.
* Involved in the implementation of JSPs, Servlets to interact with Oracle Database
* Implemented Web Services using SOAP protocol, UDDI, WSDL and Service oriented Architecture (SOA) Concept.
* Worked with RAD/Iterative development methodologies.
* Worked with container-based application deployments using Docker with Kubernetes.
* Used Hibernate as ORM solution in persistence layer of the application.
* Used HQL (Hibernate Query Language) to write static and complex queries while communicating with DB2 database. Worked on utilizing TOAD and DB2 provoke to interact with the database.
* Worked in creating various types of indexes on different collections to get good performance in Mongo DB.
* Involved in developing custom tag libs, JSP, EJB's, Portlets and DB2 - stored procedures.
* Defined persistent classes that are mapped to database tables based on the analysis of the business domain.
* Created an XML configuration file for Hibernate -- Database connectivity.
* Used micro-framework to implement with REST API and Mongo DB (NO SQL) as back-end database.
* Involved in JUnit Testing. Debugging and troubleshooting the bugs and resolving the issues.
* Performing Code merge using SVN.

**Environment:** Java 1.7/1.8, JavaScript, Node JS, PCF, SQL, MVC, Spring boot, JSP, JSTL, AJAX, Spring, RAD, SQL Server, Microservices, Oracle 10g, JBoss, Couch DB, JavaScript, HTML, CSS, Spring, Hibernate, JSP, Oracle, Jobs, Ant, CSS, HTML5, Oracle10g, Eclipse, JavaScript, jQuery, Apache Axis, SOAP web services, SVN.

**Client: Macy’s, Duluth, Georgia**

**May 2019-Nov 2021**

**Role: Sr. Developer**

Responsibilities:

* Implemented Node JS Controllers to maintain each view data where the client implemented the UI.
* Developed Spring MVC controllers and REST services to hit other internal and external APIs to perform a task.
* Deployed the application from Jenkins to the Nginx running on Amazon EC2 instance using the SSH protocol and rsync utility.
* Extensively worked on Spring Bean wiring, Spring DAO, and Spring AOP modules.
* Designed Graphical User Interface (GUI) for various Webpages using AJAX, HTML, CSS, JSF, jQuery and JavaScript.
* Used Jenkins for continuous integration and Maven for building the EAR file.
* Used build/deploy tools such as Jenkins, Docker for Continuous Integration & Deployment for Microservices
* Deployed the Zero Down Deployment using Kubernetes orchestration service application using docker containers.
* Implemented SOA architecture with web services using SOAP, WSDL, UDDI and XML
* Created private cloud using Kubernetes that supports DEV, TEST, and PROD environments.
* Identified and resolved programming issues, Servlets and EJB s performance tuning opportunities.
* Involved in Hibernate mappings, configuration properties set up, creating sessions, transactions and second level cache set up.
* Deployed application updates to AWS EC2 and monitored the load balancing of different instances and used AWS IAM for access management.
* Developed logging information using Log4j.
* Worked on JIRA for following and updating the JIRA tickets as per assigned.
* Configured Hibernate Objects as Spring Beans in spring configuration file.
* Used Hibernate Persistence Strategy to interact with database.
* Responsible for migrating the Web services from shared Java environment to PCF - Cloud platform.
* Used Struts Validation and Tiles framework in the presentation layer.
* Used Java Message Service (JMS API) for reliable and asynchronous exchange of important information.
* Design and developed Maven scripts to build and deploy the application in JBoss
* Used NPM for installing required node modules and other published Angular NPM modules.
* Developed UNIX Shell Scripts for batch jobs to transfer the data on different servers.
* Involved in migrating code from SOAP to RESTful services.
* Expert in HTML5/CSS3 development and have experience in AngularJS, BackboneJS, ReactJS, ReactJS, NodeJS, Responsive design.
* Used IBM WebSphere application server for configuring and deployment of the application.
* Implemented JDBC for database connectivity with MySQL Server
* Deployed application on Client Linux server.
* Used ANT build tool for compiling and generating war files.
* Developed shell scripts used to monitor production applications, start, and stop custom Java applications in Linux environment.
* Used Spring IOC, AOP, configured Application Context files and performed database object mapping using Hibernate annotations.
* Monitored and maintain the logs of PCF Spring Batch application from PCF Apps manager.

Environment: Python, Django 1.3, Eclipse, PyCharm, Angular 4/5, MySQL, Linux, HTML, XHTML, SVN, CSS, AJAX, Bugzilla, JavaScript, Apache Web Server.

**Client: Dollar General-** [**Goodlettsville, Tennessee**](https://www.google.com/search?client=opera&sca_esv=598813290&biw=1312&bih=603&q=Goodlettsville&stick=H4sIAAAAAAAAAONgVuLUz9U3MDTOSUl7xGjCLfDyxz1hKe1Ja05eY1Tl4grOyC93zSvJLKkUEudig7J4pbi5ELp4FrHyuefnp-SklpQUl2Xm5KQCAMkOhDlVAAAA&sa=X&ved=2ahUKEwicoOfTneKDAxV-qVYBHai7DKwQzIcDKAB6BAgPEAE)

**Oct 2017 -Apr-2019**

**Role: Java Developer**

Responsibilities:

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed the applications using Java, JSP, JDBC, Web Services, spring, HTML5, and JavaScript etc.
* Developed application using Spring MVC, JSP, JSTL and AJAX on the presentation layer, the business layer is built using spring and the persistent layer uses Hibernate.
* Worked with container-based deployments using Docker, working with images, Hub and registries and Kubernetes.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Developed web components using MVC pattern under Spring framework.
* Designing and developing the front end of the application using JSP, Java script, AJAX, HTML5, DHTML, CSS3.
* Developed user interface by using the React JS, Flux for SPA development.
* Writing custom policies and deployed applications on Elastic Bean Stalk and EC2.
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application and Amazon Cloud Watch is used to monitor the application.
* Implemented agent-server messaging dialog using Apache Camel and JMS (Active MQ implementation).
* Configure and run gulp tasks in Node JS runtime and handle injection, CSS pre-processing, test-running, building-sync.
* Used Angular JS, Angular 2/4 to accomplish the single page application and produce maintainability of the Code.
* Extensive designing and development of Java Servlets, JSP and XML.
* Planned the front-end single page application with VueJS, NodeJS.
* Developed the UI Screens using JSP, HTML, CSS, jQuery, Ajax, NodeJS and did the client-side validation with the JavaScript.
* Worked in Docker Engine and Docker Machine environment, to deploy the micro services-oriented environments for scalable applications.
* Worked with container-based deployments using Docker, working with images, Hub and registries and Kubernetes.
* Implemented application-level persistence using Hibernate and spring.
* Developed various components using Spring (MVC), JSP and HTML.
* Involved in writing JSP's, JavaScript and Servlets to generate dynamic web pages and web content.
* Used WebLogic for Design, Development and Deployment of applications.
* Enhanced and optimized the functionality of Web UI using Rich Faces, JSF, AJAX, CSS, XHTML, and JavaScript
* Used AJAX for the asynchronous communication to the server.
* Implemented the Drag and Drop functionality using React-Draggable
* Wrote scripts in UNIX to process the batch jobs on a scheduled basis. .
* Implemented Spring MVC framework for developing J2EE based web application.
* Used GOF Java J2EE design patterns. Used Business Delegate to maintain decoupling between business layers.
* Automated Angular JS application module using protractor and Jasmine and created specs for functional scenarios.
* Extensively used AWS to integration with Enterprise and web applications.
* Developed user interface by using the React JS, Flux for SPA development.
* Used JPA with Hibernate provider.
* Involved in parsing HTML Docs using JSOUP parser.
* Implemented automated local user provisioning instances created in AWS cloud.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Created monitors, alarms, and notifications for EC2 hosts using Cloud Watch.
* Developed Web Applications using MongoDB and back-ground processes.
* Worked with Gradle for Dependency Management and as build tool.
* Involved in developing new and enhanced existing JIRA plug-ins with Atlassian's plug-in development platform. JIRA is an issue tracking and projects management system that is written in Java.
* Used Apache Tiles as the template framework.
* Built a Restful API to save and retrieve geo locations using a remote server in Java using Spring, Mongo DB, Apache CXF, and JAX-RS.
* Configured Mavens in Microservice apps for deploying and implemented Jenkins for the central build.
* Consumed JSON APIs by using the AngularJS2 resource and configuring it.
* Worked on SOA Web Services using SOAP with JAX-WS for transmission of large blocks of XML data over HTTP.
* Developed Microservices using Restful services to provide all the CRUD capabilities.
* Build Microservices for the delivery of Purchase Order module using spring cloud.

Environment: Java, JavaScript (NodeJS) JSP, HTML5, CSS3, DHTML, AJAX, Apache Camel, JMS (Active MQ) RESTful APIs using Apache ,Gradle, React JS, Flux, Angular JS, Angular 2/4, VueJS

**Client: Cox Communications-** [**Atlanta,Georgia**](https://www.google.com/search?client=opera&sca_esv=598813290&biw=1312&bih=603&q=Atlanta&stick=H4sIAAAAAAAAAONgVuLQz9U3MDSuLHzEaMwt8PLHPWEprUlrTl5jVOHiCs7IL3fNK8ksqRQS42KDsnikuLjgmngWsbI7luQk5pUkAgDBxaAVTAAAAA&sa=X&ved=2ahUKEwiouYDcneKDAxUhp1YBHcmmDqcQzIcDKAB6BAgNEAE)

**Oct 2014– Sep 2017**

**Role: Java Developer**

**Responsibilities:**

* Actively participated in meetings with Business Analysts and Architects to identify the scope, requirements, and architecture.
* Used Node.js framework Express JS for better organization of the code.
* Implemented JEE standards, MVC architecture using Spring Framework.
* Developed cross-browser/platform HTML, CSS, and JavaScript to match design specs for complex page layouts while adhering to code standards.
* Implemented React JS Controllers to maintain each view data where the client implemented the UI using React JS.
* Developed Spring MVC controllers and REST services to hit other internal and external APIs to perform a task.
* Started as a monolithic application that runs on Jboss, later migrated it into a set of Spring boot and Node.js Microservices.
* Built the customized ETL tool for migrating the data from MS SQL Server to Couchbase server which builds varieties of documents for later use of web services, which pulls the data from Couchbase in JSON format.
* Implemented Validation Controls for form validation and implemented custom validation controls with JavaScript and jQuery.
* Used multi-threading concept to post data from files to tables involving transformation of file in different formats.
* Involved in enhancement of existing application utilizing Node.js created role-based HTML navigation menu wherein menu items change dynamically based on the values derived from the database in the form of XML.
* Developed presentation tier using JSP, JavaScript, HTML, and CSS for manipulating, validating, customizing, error messages to the User Interface.
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOAP.
* Created standards and patterns for deploying a spring boot data Microservice architecture to PCF
* Used config-server options of PCF for maintaining application properties pertaining to each environment and enable communication via cloud
* Involved in enhancement of existing application utilizing Node.js created role-based HTML navigation menu wherein menu items change dynamically based on the values derived from the database in the form of XML.
* Designed dynamic client-side JavaScript codes to build web forms & simulate processes for web applications, page navigation and form validation.
* Extensively used Java Multi-Threading concept for downloading files from a URL.
* Generated Use case diagrams, Class diagrams and Sequence diagrams using Rational Rose.
* Write front-end code for developing new pages using HTML, CSS, JavaScript, and jQuery.
* Worked on Eclipse for development and deployment of application in JBoss Application Server.

**Environment:** JDK 1.5, JavaScript, Node.js, Struts, Express JS, PCF, SQL, MVC, Spring boot, JSP, JSTL, AJAX, Spring, Hibernate, EJB, RAD, SQL Server, Microservices, Web services (SOAP, WSDL), Oracle 10g, JBoss, Couch DB, JavaScript, HTML, CSS, JUnit, CVS.