**Pavithra**

**Java/J2ee Developer**

**Professional Summary:**

* Over 8+ years of experience in analysis, design, development, testing and deployment of Web and Enterprise Applications using Java/J2EE technologies.
* Rich experience in various frameworks includes Spring Framework (Core, Web, Data Access/Integration), Spring Boot, Spring Security, Spring Data JPA, Spring Rest, Spring AOP, Hibernate, Apache CXF, JAX-RS using jersey.
* Experience in RDBMS such as Oracle, SQL Server and writing stored procedures triggers, cursors, and optimizing queries using SQL.
* Experience in successful implementation of DevOps (CICD) model using Jenkins, Gradle, SonarQube, Subversion, Jfrog Artifactory, semantic versioning tools/frameworks/plugins along with WebLogic and JBoss server from automation of code compile, unit, integration testing, code coverage, artifact publishing etc.
* Experience in J2EE Technologies (Servlets, JSP, JDBC, EJB, JNDI, and JMS) and participated in the designing and developing of Software using Agile and Waterfall methodologies.
* Good Exposure to Service Oriented Architecture (SOA) such as Web Services and hands on experience in developing and registering web services using JAX-RPC, JAX-WS, SAAJ, JAX-RS, SOAP, RESTful, WSDL.
* Experience in configuring and deploying the web applications on Web Logic and JBoss Application Servers including hands on experience in using Tomcat web Server.
* Hands-on experience working with source control tools such as CVS, Clear Case, SVN, Git.
* Experienced in the deployment of the ear and jars using Jenkins, ANT, Maven, Gradle deploy tools and performing other configuration changes for setting up the application in the integration testing environment.
* Work Experience with testing tools and applications such as JUnit, Mockito, SoapUI and performed Unit testing, integrated testing, and closely worked with QA team in preparation of Test plans.
* Proficient in RDBMS concepts like writing SQL Queries, Functions, Stored Procedures and PL/SQL Packages.
* Good knowledge in employing database caching strategies using Redis, Elastic search.
* Configured JBOSS Application server and used Oracle database with Hibernate ORM framework and used the functionalities of Hibernate second level EHCache.
* Very good working knowledge on Amazon Web Services (AWS) EC2 and S3 tools.
* Developed Test Driven Development (TTD) for both new and existing applications.
* Adopted Agile methodology with Pair Programming Technique and addressed issues during system testing.

**Technical Skills:**

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| **Languages** | JAVA 7/8/11, SQL, PL/SQL |
| **Core Java** | JavaBeans, JDBC, Annotations, Collections, Exception Handling and Multi-Threading |
| **Frameworks** | Spring, Spring-Data, Spring Boot, Spring JDBC, Hibernate, JPA, Spring Core, Spring ORM, Spring MVC, Spring AOP |
| **Cloud Technologies** | AWS |
| **Databases** | Oracle, SQL-Server, MySQL server, MS SQL and MongoDB |
| **Middle ware Tools** | Sonic ESB, Rabbit MQ |
| **App/Web servers** | Apache Tomcat, WebSphere, WebLogic, JBoss |
| **Build Tools** | ANT, Maven |
| **IDEs** | Eclipse, Spring Tool Suite |
| **Version Control Tools** | Git, SVN, CVS |
| **Design Methodologies** | Agile, Scrum, Waterfall, Test Driven Development |
| **Operating Systems** | Windows, iOS, Android |

**Professional Experience:**

**Client: Blue Nile, Seattle, WA Mar 2022 – Till Date**

**Role: Java Developer**

**Responsibilities:**

* Involved in Requirements gathering, Analysis, Design, Development, and Testing of the application using AGILE methodology (SCRUM).
* Contributed greatly to increase in code quality and productivity through Test driven development (TDD), Pair Programming, and Agile Estimation and Planning.
* Developed Microservices using Spring Boot that create, update, delete and get the assignment information from the backend.
* Involved in multi-tier Java and J2EE based applications support, responsible for writing business logic using core Java, SQL queries for the backend RDBMS.
* Developed server components of using Java 1.8, Spring Batch, Spring Data JPA and Hibernate.
* Worked extensively on developing controllers, Interfaces and implementation classes using Spring MVC framework & used Microservices architecture with Spring Boot based service through REST.
* Used Spring Boot to develop and deploy both RESTful web services and MVC applications.
* Responsible for the design and development of medium to highly complex systems. Skills include system design and analysis as well as business skills.
* Designed and developed Microservices business components using Spring Boot, Spring JPA.
* Consumed REST based Microservices with Rest template based on RESTful APIs.
* Implemented the logging mechanism using log4j framework.
* Hands on experience on UNIX commands, used to see the log files on the production server.
* Database design and writing stored procedures, packages and SQL queries in PL/SQL.
* Used Gradle as a build tool and Jenkins for building and deploying the application to multiple environments and monitoring the build status of the project.

**Environment**: Java 8, Spring,Microservices,Aws, Hibernate 3, AJAX, JavaScript, XML Spring Boot, Web service, SOAP/REST, JAX-WS, Spring batch, Oracle Database, Mockito, Grunt, UNIX, Jenkins 1.6/2.0, Log4j, SonarQube.

**Client: Sunwest Bank, Irvine, CA Jul 2020 – Feb 2022**

**Role: Java Developer**

**Responsibilities:**

* Worked in Agile Development and maintained a good level of communication in the team going through all phases of SDLC life cycle.
* Extensively used different spring framework features including Spring IOC, Spring AOP and Spring Templates.
* Developed Web Applications using HTML5, CSS3, Bootstrap, Angular 2, Node.JS and Spring MVC, Spring Boot Framework to implement the Controller and Service layers.
* Used Spring Boot framework for building cloud MicroServices and to develop Spring based application radically faster with very less configuration
* Implemented Spring MVC Controller module for better handling of client request, consume Restful data service and sending response back to client.
* Implemented Microservices architecture using Spring Boot for making applications smaller and independent.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA (Java Persistence API) and Used Swagger to interact with API end points of the Microservices.
* Used Angular JS built-in directives, custom directives and services for developing interceptor and complex UI data table grids.
* Used XML parser APIs such as JAXP and JAXB in the web service\'s request response data marshaling as well as unmarshalling process
* Developed Micro services using RESTful services to provide all the CRUD capabilities.
* Extensively used Hibernate ORM in data access layer to write DAOs for Hibernate Mapping files.
* Designed and developed hibernate-cfg.xml file in Hibernate for mapping objects to relational database.
* Integrated Spring with Hibernate using Hibernate Template with dependency injection.
* Implemented Spring Framework to manage transactions using annotations.
* Deployed Spring Boot based Microservices Docker container using Amazon EC2 container services and using AWS admin console.

**Environment**: Java 1.7/1.8/11, spring MVC Framework, Spring Boot, Spring JPA, RESTFUL services, Maven, AngularJS, MS SQl. Nodejs

**Client: Tuft and Needle, Phoenix, AZ Dec 2018 – Jun 2020**

**Role: Java Developer**

**Responsibilities:**

* Employed Design and API-development on Java 8 of multi-tier applications involving J2EE technologies like Spring MVC, Spring Boot along with Spring AOP using Advice, Aspects and AOP processor.
* Followed agile methodology from gathering the requirements to testing and deployment of applications.
* Dealt with Java 8 new features like lambda expressions, streams, predicates and new date time API.
* Responsible for developing java components using Spring, Spring Boot, Spring JDBC, Spring Security and Spring Transaction Management.
* Implemented Web-Services to integrate different applications internal and third-party components using SOAP and RESTFul services using Apache-CXF
* Developed spring RESTful web services to create, read, update or delete information on a server using HTTP methods. Parsed the data in JSON format.
* Moving existing monolithic architecture to microservices and migrating them to AWS cloud.
* Implemented OAuth2 token-based authorization scheme using spring security to secure Rest API.
* Used Spring JDBC in persistence layer that is capable of handling high volume transactions.
* Used Oracle as Database and used Toad for queries execution and involved in writing SQL scripts, PL/ SQL code for procedures and functions.
* Improved the performance of the backend batch processes using Multithreading and concurrent package APIs.
* Developed server-side scripts in shell to customize GIT and integrate it with tools like JIRA and Jenkins.
* Designed and prepared Unit test cases using Junit and Log4j and removed the maximum bugs before passing onto the application to the QA team.
* Resolved bugs/defects in application by coordinated with team members of the project to assure a positive outcome.

**Environment:** Java 1.8, Spring, Spring Boot, Microservices, Spring Transaction Management, Spring AOP, Spring Batch, Spring JDBC, Spring Security, AWS, Jenkins, GIT, Log4j, Jenkins, JSON, Apache Tomcat, Jira, OAuth 2, Agile, Windows.

**Client: Pacific Specialty Insurance, Anaheim, CA May 2017 – Nov 2018**

**Role: J2EE Developer**

**Responsibilities:**

* Analyzed and extracted the event flows of the UI layer code written in JavaScript, Struts, Java Applets and JSPs to come up with the sequence diagram for various transactions.
* Developed front-end using HTML, CSS, JavaScript, JQuery featuring the Implementation.
* Applied Struts features like Tiles and Validation framework.
* Designed and implemented Struts (MVC Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean, and a form set for validation.
* Implemented MVC architecture by using Struts/Swings to send and receive the data from front-end to business layer. Integrated the Struts and Hibernate to achieve Object relational mapping. Used apache struts to develop the web-based components and implemented DAO. Leveraged struts-validations, struts-beans tag libraries.
* Used Struts Action Servlet to route the request to corresponding Action Classes.
* Developed stored procedures, triggers, functions for the application.
* Involved in designing data schema and development of SOAP web services with Axis implementation and REST web services with JAX-RS.
* Consumed SOAP and REST web services to get the persisted data from different databases.
* Configured Struts-Config. XML for action mappings.
* Involved in implementing Value Object Pattern, MVC & Factory Pattern.
* Deployed application into WebLogic Application Server.
* Used Subversion for version control management and consistently produced high quality code through disciplined and rigorous unit testing (JUnit).
* Analyzed the existing access system and re-designed it in Oracle by developing data validation and load processes using PL/SQL Stored Procedures, Functions, and Triggers to enhance and improve functionality requested by business for reducing manual processing time.
* Created database Triggers to record Insertion, Updating, Deletion and all other audit routines.
* Responsible for Code Reviews and PL/SQL Code Tuning.
* Involved in the overall system’s support and maintenance services such as Defect Fixing, Feature Enhancements, Testing and Documentation.
* Used JIRA for tracking bugs & Maven script for building and deploying the application.

**Environment**: J2EE,Web logic Application Server, JSP, Servlets, JQuery, Struts, Hibernate, SOAP,REST, Oracle, Maven, JUnit, and Subversion, PL/SQL, HTML, CSS, JavaScript, JSTL.

**Client: Resource Technologies Pvt Ltd, India Jul 2014 – Feb 2017**

**Role: J2EE Developer**

**Responsibilities:**

* Enhanced Design and API-development on Java 11 of multi-tier applications involving J2EE technologies like Spring MVC, Spring Boot, Spring Data and Spring AOP.
* Implemented Spring AOP module to implement the crosscutting concerns like logging, security, Declarative Transaction Management.
* Designed, Configured and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon cloud formation.
* Implemented the application using Spring IOC, Spring MVC Framework, Spring AOP, Spring Boot, Spring Batch, and handled the security using Spring Security.
* Used HTTP methods extensively to retrieve the data from the Rest API and used that data to update the page dynamically
* Designed and Developed RESTful web-service based on JAX-RS and Spring framework
* Implemented Microservices using Spring Batch, Spring Boot, and Spring Security and deployed on AWS.
* Developed the monolithic application and involved in migrating existing monolithic application in to Micro Service Architecture based RESTful Service and deployments were done on AWS.
* Created & modified the SQL, PL/SQL, stored procedures to retrieve the data from Oracle Database.
* Extensively used Maven to build the application and deploy and configure daily iterative builds of applications into Apache Tomcat server
* Used Microservices to communicate using synchronous protocols HTTP and REST.
* Management of code releases in the software development cycle using version control tool GIT.
* Developed all custom processes, workflows and schemes within JIRA to accommodate the organization’s needs.
* Used STS for developing the Application and installing on Apache Tomcat Server.

**Environment:** Agile, Java 11, Spring, Spring Boot, Microservices, Spring IOC, Spring AOP, Spring Data, Spring Batch, Spring Security, AWS, Oracle, HTTP, JAX-RS, STS, Rest API, Apache Tomcat Server, GIT, Jira, Agile, Windows.