**Harshitha.P**

**Java Full Stack Developer**

(479) 437-5046

sales21@kteksoft.com

**Professional Summary:**

**Over 11+** years of experience as a **Senior Java Full Stack Developer**, proficient in **designing, developing, and testing Micro services and responsive web applications** with dynamic & result oriented professional having extensive experience in Software / Application Development, Enhancement & Support. Experience in the main areas of the Software Development Lifecycle (SDLC), such as Analysis, Design, Implementation, Testing, and Deployment of Object-Oriented, Client-Server, Web-Based, Distributed, and Enterprise Applications.

**More about Experience:**

* Experience in design and development of robust and highly scalable web service platforms and API’s based on RES and SOAP for e-commerce applications using AXIS, WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC technologies and Jersey frameworks.
* Experience in mitigation/remediation of PeopleSoft Infrastructure for SOX compliance.
* Lead the technical team in Oracle Cloud finance, SCM, HCM implementation.
* Possessing good interpersonal skills which were applied in coordinating with development team, QA team and support team as required.
* Hands on experience on Server-side validations using jQuery, java scripts JSTL and custom tags.
* Strong Experience in developing the application using frameworks like Java Server Faces (JSF) and Spring Frameworks Worked on maintaining the persistence using Hibernate, JPA ORM.
* Good command over commercial RDBMS such as ORACLE, MYSQL and SQL SERVER.
* Experience in writing test-cases in Java environment using Junit, Mockito and Power mock, JIRA.
* Experienced in all phases of SDLC including analysis, design, coding and testing, expertise in integration using J2EE architecture.
* Experience with Software designing and modeling using UML on Rational Rose and Enterprise Architect.
* Experience in developing web applications on MVC (Model-View-Controller) based frameworks like Spring IOC, Spring Security, Spring Boot, Spring Batch and Spring MVC.
* Experience in Java Framework Integration with Apache Camel.
* Experience in DB2 for storing and analyzing Data.
* Expertise in Back-end/server-side java technologies such as: Web services, Java persistence API (JPA), Java Messaging Service (JMS), Java Database Connectivity (JDBC), Java Naming and Directory Interface (JND).
* Experience in using code repository tools - Tortoise SVN, GitHub, GitLab and Visual Source Safe.
* Worked with MVW frameworks like Django, Angular JS, HTML, CSS, XML, Java Script, jQuery, Bootstrap, JSON.
* Performed Migration of PI (Dual Stack) to PO (Single Java Stack) on Oracle on Premise.
* Hands-on experience with newer technologies like NoSQL, MongoDB, Redis, Kafka, Angular.
* Hands on experience with scripting languages like Linux, Unix.
* Hands-on experience working with Continuous Integration (CI) build-automation tools such as Maven, SVN, and Jenkins.
* Have thorough experience on the Global Delivery Model (GDM) with adequate knowledge Onsite, Offshore and near shore processes.

**Technical Expertise:**

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| **Programming Languages** | Java, Javascript,SCALA,SQL, XML |
| **Frameworks** | J2EEHibernate, Spring, Kubernates,JSF, XHTML, Spring Boot |
| **Databases** | Oracle, DB2.My SQL, SQL Server, Postgres |
| **Script Programming** | JQuery, HTML5,CSS3, Ext.js NodeJS, UNIX, AngularJS, ReactJS. |
| **Version Control** | Git, Bitbucket, SVN  |
| **Tools** | MS-Office suite (Word, Excel, MS Project and Outlook), VSS, JUnit, Log4J, Web Methods |
| **IDE and Tools** | IntelliJ, VS Code, STS, Eclipse, Postman, Jira, GIT |
| **Cloud Technologies** | AWS, (EC2, S3, DynamoDB, SQS, Lambda, IAM, SNS) Azure, GCP, PCF |
| **Testing Tools** | Oracle, MS SQL Server , MySQL, DB2, Teradata, MySQL, PostgreSQL, Oracle DB, MongoDB, Cassandra DB etc. |
| **Scripting languages** | HTML5, DHTML, XML, JavaScript, JSON, XML, XSL, XSLT, JSP, JSTL. |
| **Operating system** | Windows, Unix, Linux, iOS, Android |
| **Methodologies** | Unified Modelling Language (UML), Agile , Waterfall model, Scrum, TDD. |
| **Web Technology** |  CSS,3 Node JS, Angular, Bootstrap, JSON, HTML, jQuery, Ajax , DHTML |

**Career Experience:**

**Client: State Street – Princeton, NJ Feb-2022 to Present**

**Lead Java Full stack Developer**

**Roles & Responsibility:**

* As a Lead Developer working within the Agile methodology, utilized the following skills: SpringBoot, Eclipse, Java 1.8, Apache CXF, MS SQL Server, HTML 5, SVN, Oracle and Linux to implement cost saving solutions.
* Responsible for interaction with in-house experts to understand the nuances of the business, Design and development of the new application.
* Responsible for proposing new framework and design methodologies for the current system.
* Responsible to work as an individual contributor on module like Integration, Rule APIs & Reporting.
* Active contributing member of a team that consisted of one hundred persons.
* Responsible for development of the application using Spring framework, Java Web Services (REST) as Business layer, MySQL database and Hibernate ORM tool in the data access layer.
* Created REST-full web services using spring boot.
* Implemented continuous integration and deployment pipeline using Jenkins.
* Developed workflow activities and implemented business logic in Amdocs OMS employing Java, J2EE and Oracle PL/SQL.
* Managed the development team at offshore and provided necessary information and artifacts.
* Designed and architected and implemented a distributed muti-threaded IoT AMAZON AWS cloud/ standalone solution using the Spring framework using the Agile process along with RESTFUL web services.
* Developed Service Oriented Architecture (SOA) and Micro Service Architecture based J2EE applications.
* Developed CI/CD Architecture for Bit bucket, AWS-EKS, Jenkins, Chef.
* Designed the front-end screens using AngularJS, HTML5, CSS3, JavaScript, JQuery, Bootstrap and Spring Boot.
* Defined and developed the Design specification documentation: Architecture Diagram, Class Diagram, UML, System Diagram, Integration diagram with the FDA EA system.
* Upgraded projects to Java 8, leveraging Lambda expressions, Spring Boot libraries, and improved cloud connectivity.
* Employed Hibernate Criteria queries, ORM mappings, and Oracle Coherence for efficient data retrieval and caching.
* Developed code in Java, J2EE, Web work and Hibernate using XP Practices Pair Programming, TDD, Continuous Integration.
* Redesigned and architected a new approach to integrating mainframe data within a Linux environment utilizing the Oracle database accessed using spring JDBC.
* Created an internal website using Java, jQuery UI, jQuery, JavaScript, Java Servlets, AJAX, HTML5, CSS3, and XML that utilized Accordion and Tab layouts. Wrote technical specifications for the website.
* Worked with testing team to formulate Cucumber test scripts.
* Work closely with peers to deliver scalable REST & Graph QL services in Node & front end using Angular.js.
* Performed productions builds for the Linux/Unix environments.
* Used CSS3, XML and HTML5 to write Back base widgets.
* Used Spring cloud configuration server in conjunction with Rabbit MQ to externalize the configuration in the application.
* Develop and share best practices on installing, configuring, and maintaining software applications using IBM, OMS and its associated products.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Used Java Architecture for XML Binding (JAXB) for marshaling and un-marshaling java objects and XML.
* Used Spring MVC to implement the MVC pattern for the application, used Tiles based view resolver to load the views for the user.
* Used Soap UI to mock SOA and REST services. Wrote REST API calls to vendor services using Java, JavaScript, Spring, Hibernate, and Eclipse. Used GIT for version control.
* Effectively made use of use State Hook, Use Effect Hook and Use Context Hook and Knowledge on
* use Callback, Memo, and Custom Hook.
* Having good experience on React Redux.
* Support, debug and provide enhancements to the existing applications and Monitoring and improving front-end performance.

**Environment:** Java8, MVC, Micro Services, Lambda Expressions, Hibernate, Kubernates ,MongoDB, REST API, XML, JSON,CSS3, HTML5,Javascript, AngularJS, React, Redux, CI/CD, JavaScript, JQuery, GIT, Boot Strap, MySQL, COBOL, Spring boot, Oracle, Postgres SQL, NGINX, J2EE, AWS, Jenkins, SOAP UI, SVN.

**Client: AT&T, Pittsburgh, PA Feb 2019 - Dec 2021**

**Sr.Java Full Stack Developer**

**Roles & Responsibility:**

* Designed, implemented, and tested the Spring4.x Domain Model for services using Core Java.
* Implemented the UI using Ext JS. Created Micro-services using Spring Framework.
* Implement modules using core Java APIs, Java collection, multi-threading and object-oriented designs.
* Responsible for requirement analysis, interacting with client-base/onsite managers to validate the understanding and actively involve myself as a team member for the development of the project.
* Interacting with the Quality team about the issues, bugs found and fixing them in the testing phase of the application.
* Responsible for migration of web-based application to production servers.
* Responsibilities included configuration and deployment of Tomcat application and web apache.
* Tested the web services using SOAPUI and Web Service Explorer. Used SOAP for Web Services by exchanging XML data between applications over HTTP.
* Developed Applications using Angular 9, Java 8 and new features of java Lambda Expressions, Annotations.
* Worked simultaneously in both production and development teams and took part in designing and developing dynamic web pages using HTML5, CSS3, Bootstrap, SASS, JavaScript, jQuery, React JS for single page applications.
* Deployed Docker contained Spring Boot Micro services into S EC2 container service using AWS admin console and used Lambda, EC2, Elastic Beanstalk, Cloud Watch, Cloud Formation, IAM, S3, RDS, Elastic Cache, SNS, (Amazon messaging services) SQS.
* Design and develop JMS messaging services using J2EE by developing queues/topic, sessions and endpoints in ESB.
* Designed User Interface framework using HTML5, JavaScript, JSP, Angular 8, Cascading Style Sheets (CSS), JSON, XML and AJAX.
* Used WebSphere Application Server to deploy, implement and test the coded functionalities.
* Designed and developed the framework to consume the web service hosted in Amazon EC2 instance.
* Designed and developed Web Services (SOAP, WSDL) .Created and compiled XML Schema to generate Java Bean classes using Axis.
* Designed the-front end solution using React and GraphQL.
* Worked on ReactJs Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Enhanced Legacy Applications by building new components in Angular8 with REST wrapper around the existing Backend Java services and developed custom directives, factories and services.
* Used Java1.8 features like stream, lambda expressions, functional interface, collections, Date/Time Changes and type annotations.
* Updated JIRA documentation outlining CI/CD of various components of call center solution, coding standards and source control workflows (Gitflow).
* Used RESTFUL Web services to exchange information with parties especially projects like credit card check, potential threats etc.
* Worked on CI/CD tool Jenkins to automate the build process from version control tool in to testing and production environment.
* Used Hibernate as a persistence layer that is capable of handling high volume transactions as well as managing concurrency issues.
* User interface coding and styling using JavaScript, CSS and HTML.
* Developed web-based applications using Web Services, both SOAP/WSDL and REST.
* Consumed Enterprise Restful Web Services and used Postman tool to rest the service.

**Environment:** J2EE, Java, , J Meter, Git, Scala, Spring, MVC, JSP, Eclipse RCP plug-in/SWT, JSF, SOAP, Swing, JFC, Spring framework ,,XML, AWS, Java Beans,, Ext JS, HTML5, CSS3, Javascript, Angular JS, Hibernate, React, Redux, AJAX, Core Java, Web services.

**Santander Consumer USA- Austin, TX Nov 2016 - Jan 2019**

**Sr.Java Full Stack Developer**

**Responsibilities:**

* Involved in analysis, design and development and testing phases of the application development using Scrum Agile methodology.
* Designed, developed and deployed various data gathering forms using **HTML5**, **CSS3**, **Bootstrap**, **AngularJS**, **JSP** and **Servlets**.
* Created dynamic web pages using **AngularJS** framework. Worked on two-way, one-way data binding, built-in components and developed single page applications using Angular JS.
* Involved in the application development using Spring Core, Spring JEE, Spring Aspect modules and Java web-based technology Web Services (REST/SOA).
* Managing the **Openshift** cluster that includes scaling up and down the AWS app nodes.
* Designed the data layer using a combination of **SOAP**, Restful web services and occasionally Hibernate **ORM**.
* Involved Webpack as module bundler to preprocess and minify different files such as TypeScript and SASS files.
* Extensive experience in developing producers & customers in Apache **Kafka** to build a data pipeline
* Experience in using persistence API to do the Object Mapping.
* Used **Hibernate** as the system layer to talk to the database and perform CURD operations.
* Used JDBC and Hibernate API's to access remote oracle databases.
* Developed server-side services using Java multithreading (Core Java).
* Worked on **Kafka** Backup Index and In depth knowledge of Apache Cassandra.
* Involved in developing Classes diagram in **UML** showing generalization and other relationships, Sequence diagram describing the interaction of objects over time.
* Created and implemented **SQL** stored procedures and triggers.
* Used **Log4J** to monitor the Error Logs and used **Maven** to build the application.
* Hands on experience working with various Amazon Web Services like **EC2, SQS, S3, Elastic Search** and **Dynamo DB** through **AWS Console** and **API Integration.**
* Developed REST API's using Spring MVC and Spring boot, hosted all microservices Developed API to Integrate with Amazon EC2 cloud based architecture in AWS, including creating machine Images.
* Knowledge in launching **AWS EC2** instances and continuous integration using Jenkins.

**Environment:**Agile, Java/J2EE, UML, MVC, HTML5,Java Script, Typescript, CSS3, Bootstrap, Angular JS, JSP, React, Redux, Spring boot, Spring Core, Spring JEE, , SOAP, REST, ORM, Hibernate, SQL, Log4J, Maven, TDD, JAX-B, JAX-RS, JBoss,Mockito, Oracle, JIRA, Junit, AWS EC2, S3 Dynamo DB.

**Client: Sierra Optima Ltd., Hyderabad Dec 2013 - Jul 2016**

**Role: Sr. Java/J2EE Developer**

**Roles & Responsibility:**

* Responsible for analysis, design, development and integration of backend components using J2EE technologies such as Spring 3 and Spring JDBC.
* Responsible for maintaining and expanding our AWS infrastructure using AWS EC2, manage documents in S3, providing IAM access to S3 buckets.
* Involved in developing JUnit test cases for testing the code fragments during development phase.
* Implemented exception handling in Java Spring boot for REST API, by making use of Exception Handler and Controller Advice annotations.
* Installed and configured Continuous Integration and Continuous Delivery application JENKINS.
* Integrated React.js with existing AngularJS application to greatly increase performance.
* Implementation of SOA using Web Services and MQ (with Java Messaging Service
* (JMS) & Taco EMS).
* Implemented Apache Kafka to provide a unified, high-throughput, low-latency platform for handling real-time data feeds
* Developed the persistence layer using Hibernate Framework, created the POJO objects and mapped using Hibernate annotations and Transaction Management.
* Involved in Unit testing, System Testing, bug fixing and User Acceptance
* Worked with Micro services using J2EE Web Services based on Spring Boot and created dynamic documentation of RESTful endpoints using Swagger API.
* Implemented MVC Architecture, enabling multiple developers to work on separate modules simultaneously, reducing effort time for the project.
* Created single page applications using Angular JS with MVC capability. Used Node.js for scalable server side application.
* Used JavaScript for client side validation and validation framework for server side validation.
* Developed Micro Service to provide RESTful API utilizing Spring boot with various data persistence frameworks such as Hibernate and JPA and messaging engines.
* Implemented Log4j for logging and debugging purpose. Developed Ant scripts to build and deploy the application.
* Participated in architecture design meetings to decide on the right web Services to use for the application and Involved in working with the QA to assist in writing test code and debugging the defects in the application.
* Developing few Spring beans to handle the business logic of the application, as part of maintenance and change request implementation.
* Used Spring IOC to inject services and their dependencies and leveraged spring-hibernate and Spring MVC and Spring Boot modules.
* Used Hibernate for Object Relational Mapping (ORM) and data persistence.
* Streaming the data to a business client using Kafka (producer and consumer model).
* Developed PCF (Pivotal Cloud Foundry) jobs to expose the data to business teams for internal applications use case.
* Used HPSM to track the Issues and Bugs and for the Project Management.
* Developed Features, Scenarios and Step Definitions using Gherkin, Java, Web driver.
* Used JIRA as a tool for issue tracking and code integration to plan and collaboration used Dev tools to host, review, test, and deploy the team's GIT code.
* Worked on AWS services to deploy static websites and dynamic Web Apps on EC2 using Elastic Beanstalk (EBS) and Elastic Container Service-Docker.

**Environment:** Agile, Micro services, RESTful API, Hibernate, JPA, JSON, React.JS, HTML, Bootstrap, JavaScript, Spring Cloud, OAuth2, JUNIT, SWIFT, CSS, NOSQL, Jest, Mocha, Soap UI, Swagger UI, MongoDB, Mockito, Jenkins, AWS.

**Client: Info Edge Solutions, Noida, India Nov 2012 – Sep 2013**

**Role: Java Developer**

**Roles & Responsibilities :**

* As a developer, I participated in requirement analysis, design, development, and unit and integration testing.
* Involved in determining the flex component that has to be produced and how they interact by evaluating the user requirements and specifications.
* Applied the Spring MVC framework to the creation of J2EE-based web applications.
* Eclipse IDE was used to create and debug the application.
* Designed **Use Case** and **Sequence Diagrams** according to UML standard using **Rational Rose**.
* Extensively used **XML** documents with **XSLT** and **CSS** to translate it to **HTML** to present to GUI.
* Developed **Session beans** for functionality as per the requirement. Used **Spring MVC framework** for implementing the Web tier of the application. Used **Hibernate API** to perform database operations.
* Using Hibernate and spring, application-level persistence was implemented.
* Performed client-side validations using **JavaScript** and server-side validations using in built **Validation.**
* Used Design patterns like **MVC pattern**, **DAO pattern**, and **singleton** to achieve clean separation of layers.
* Implemented **Spring JDBC** using Simple JDBC Template &Named Parameter JDBC Template.
* Leveraging kops implemented a **Kubernetes Container Orchestration** solution within AWS allowing for easy management, **creation, and recovery of AWS assets.**
* For server-side testing, developed unit test cases using JUnit.
* Used **Hibernate API** to perform database operations. Worked on **Hibernate persistence tier**. This involves developing mapping files and Hibernate (POJOs/ DAOs). Used **Lo4j** debugging tool to monitor the Error Logs.
* Responsible for writing detail design documents and class diagrams and sequence diagrams. Involved in tracking and resolving Production issues.
* Used **Spring core** for **Dependency Injection/Inversion of Control** (IOC), and integrated **AngularJS** and **JDBC.**
* Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share artifacts across projects. Building the Red hat Linux server in VMware ESX client through Vsphere client.
* Interact with the Business Analyst and the Host Subject Matter Experts (SME) to comprehend the requirements and to obtain any clarifications needed by the team; follow the agile methodology and SCRUM meetings to track, optimize, and add features.

**Environment: Java, J2EE, JDBC, Springboot, Hibernate, Eclipse IDE, MVC Pattern, JMS, JBoss, RESTful service JavaScript, HTML, CSS,AJAX, AWS, PL/SQL.**