***Lakshmi Kasani*** <https://www.linkedin.com/in/lakshmi-k-6a04981b3/>**aasrithal31@gmail.com** **469-200-0047**

***Full Stack Java Developer***

* Java full stack developer with **8 years of experience** in full software development life cycle including requirement analysis, design, coding, testing, debugging and maintenance.
* **3 years of financial development experience** in electronic trading systems to receive market data, order and trade management for commodities and commodities and Settlement between different counter parties. Products including fixed income **and Equity and Foreign Exchange, Payment processing.**
* Extensive experience in various java/ J2EE technologies including **Core java, J2EE (EJB Servlets, JSP, JDBC), Spring (IOC, MVC, AOP, DAO), Hibernate and java Web Framework along with Web Service/ Database related technologies.**
* Worked on Agile methodology and fast-paced Scrum environment.
* Highly motivated and results-driven development expert in application design, development, implementation and developing SOAP and RESTFULL Webservices.
* Utilized **Java 8** features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Expertise in analysis, design, development, testing and implementation of java/J2EE application using java, Spring, Hibernate, SOAP (JAX-WS), WSDL, SOA, Restful Web Services (JAX-RS), Jersey Framework, Servlets, JSON, JavaScript, XML, XSD, SQL and using tools like Axis 2.0.
* Experienced in designing, developing multi-tier application using J2EE technologies Servlets, JSP, Java Beans, JDBC, Log4j, XML DOM, Web services SOAP, DOJO using J2EE design platform.
* Expertise in writing **SQL, PL/SQL, Stored Procedures**, **Cursors, Triggers** with **Oracle 9i/10g**, **MySQL**,**PostgreSQL**,**MongoDB**.
* Used Postman and Soap UI for the testing API proxies and automating test cases using postman scripts.
* Proficient in working on various Spring modules (Spring Core, Spring IOC, Spring MVC, Spring DAO, Spring Boot) along with Hibernate and JPA as the back end ORM tool for implementation of persistence layer and mapping of POJOs.
* Extensive experience in web based and client/server application using HTML5, DHTML, jQuery, **Angular 8, react js, Bootstrap, node js**, CSS, Bootstrap, **JavaScript, AJAX, JSP, JDBC, XML.**
* Applied Agile Test Practices SCRUM, Scripted Test Cases for **Test Driven Development** TDD and developed test cases for story card based on Acceptance Test Driven Development ATDD.
* Analyzing, estimating, and sizing the User Stories which will help Product Owners to prioritize the Story Cards. Developing the software solution and writing code using **Pair Programming**and**Test-Driven Development TDD**process.
* Involved in all the stages of Software Development Life Cycle (SDLC) which includes Requirements, Analysis Design, implementation, integration, Testing, deployment, maintenance and involved in Product Life Cycle Management (PLM).
* Well versed with both static and dynamic user interfaces using **JSP, JSF, JSON, jQuery, Object oriented Java Script, HTML 5.**
* Knowledge in designing and development of applications using **Oracle 12c/11g/10g/9i/8i, SQL, PL/SQL.**
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Experience in Test Driven Development and Behavior Driven Development methodologies for consulting firms and enterprise projects.

**TECHNICAL SKILLS:**

**Programming Languages** : Java, Core JAVA, Advanced Java.

**Databases**  : Oracle 10g (SQL, PL-SQL), Oracle RDBMS (Oracle 12c), Mongo DB(No SQL)

**Frameworks** : Spring Core, Spring MVC, Log4j, Hibernate (ORM), Apache Axis, Struts2.

**Scripting Languages** : Java Script, jQuery.

**Web Technologies** : HTML 5, CSS, JSP, Servlets, AJAX, Angular JS.

**Web Services** : SOAP, RESTful, WSDL

**Application Servers** : Apache Tomcat

**Testing Tools**  : Junit, Log4j, TestNG

**Agile Methodologies** : Agile/SCRUM, Waterfall.

**Domain Knowledge** : Banking, E-Commerce, Tele-Communications.

**PROFESSIONAL EXPERIENCE:**

**Client: Deutsche Bank, Austin, TX Feb 19- Present**

**Role: JAVA Full Stack Engineer**

**Responsibilities:**

* Allowed over 150 000 clients to trade the Forex Market on the Swiss quote platform.
* Strong understanding of **foreign markets and the foreign stock exchange (FX).** Actively involved in the design and development of a new Platform engine.
* Engineer responsible for managing the executed orders coming from multiple stock markets. Performed data modeling and processing by using Spring Integration. Team of 15 engineers working with agile method.
* Taking an active role in structuring our single page applications to make them easy to maintain and to ensure they are highly modularized.
* Work in **Test Driven Development** environment, leveraging QA automation test suite to provide unit tests and integration tests for all new functionality
* Performed **E2E testing** of the client’s products, **integration testing, smoke testing, regression testing and PROD testing.**
* Worked on B2B solutions to manage document exchanges between trading partners. Involved in software development and system integration, using Java, J2EE, SOA and Open Source technologies.
* Used **Java8**features like stream and Lambda expressions.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 8** new features like default, static methods, and Concurrency API.
* Used **Java 8 Method References** feature to point to methods by their names and used **functional Interfaces.**
* **Analyzed** and helped for the team that solves issues relating to database application performance.
* Established a mix of **Test-Driven Development (TDD)** and **extreme programming-style (XP)** iteration-based planning process for client, resulting in faster feature turnaround, and better customer responsiveness.
* Skilled in **Test-Driven Development and Agile development**, familiarity with wide portfolio of software development applications, environments, and languages like **servlets JSP, JPA, XML parsing and XSLT.**
* Extensively used **Java 8**features such as **lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.**
* Used **Streams and Lambda expressions** available as part of **Java 8**to store and process the data.
* Created and consumed**Micro Services**based on **Web API and used Jenkins for Micro Services deployment.**
* Used **JMS** for the asynchronous exchange of critical business data and events among J2EE components and legacy system.
* Heavily used **Struts2.0 framework helps to move legacy applications to front end UI.**
* Designed and Developed User Interface using front-end technologies like **HTML, Bootstrap, CSS, JavaScript, jQuery, AngularJS, Bootstrap and JSON.**
* Design user interface for **Data extract** and do ETL **legacy data** into **SQL Server** database.
* Implemented Spring boot microservices to process the messages into the **Kafka** cluster setup.
* Used Spring **Kafka API** calls to process the messages smoothly on **Kafka** Cluster setup.
* Workedwith**Docker**to deploy**Micro-services** in modern containers to increase Isolation.
* Created **AWS CloudFormation** templates to create custom-sized VPC, subnets, **EC2 instances, ELB, security groups**.
* Worked on **Swagger API** and auto-generated documentation for all REST calls.
* Selecting the appropriate **AWS** service based on compute, data, or security requirements.
* Involved in writing **Java API** for Amazon Lambda to manage some of the **AWS** services.
* Designed and developed the framework to consume the web services hosted in Amazon **EC2**instances.
* Implemented Zipkins for distributed **Micro Service Monitoring**. Integrated **Swagger UI** and wrote integration test along with **REST document**.
* Using **Jenkins** for **CI/CD**, using **Maven** for build, **GIT** for version control

**Client: Fidelity Investments, St Louis, MO Jan 2018 to Jan 2019**

**Role: Java Developer**

**Responsibilities:**

* Worked to migrate sensitive data from a legacy cold fusion, oracle SQL stack to the industry's leading data management solution.
* Worked on **Lambda Expressions, Functional interfaces Stream API's, Time API,** and Improvements on Collection, Concurrency, and IO improvements by using **Java 8**
* Extensively used **Java 8**features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Used Streams and Lambda expressions available as part of **Java 8**to store and process the data.
* Used RESTful Web Services for integrating with multiple Payment gateways **INTERNET BANKING, WALLET** etc.
* Architected, designed, and implemented a **SPA (Single Page Application) in AngularJS** which consume JSON from a Spring MVC, using Spring Security to secure the Application.
* Involved in the deployment of the application using **JBoss, WebLogic servers.**
* Developed Application servers for business solutions using Apache Tomcat, WebLogic, WebSphere and JBoss.
* Used JAVA library Jaunt for web scrapping to extract data for building graphs.
* Developed API driven responsive Web Application by integrating Angular2 with Bootstrap and API's.
* Designed/developed tables, views, various SQL quires, stored procedures, function, complex **PL/SQL** packages.
* Involved in **PL/SQL** code review and modification for the development of new requirements
* Proficiency in Core JAVA concepts like **Threads, Exceptions handling, Generics, Strings etc.**
* Developed a web application for developers to generate their own REST API calls in JAVA.
* Created stored procedure, trigger on the database to provide/insert specific data from multiple tables for **Web API services**.
* Wrote code to support model-view-controller (MVC) pattern of JAVA Spring MVC framework in developing several modules for the application.
* Developed Application to access **JSON and XML** from Restful Web Service from consumer side using JavaScript.
* Designed REST APIs that allow sophisticated, effective, and low-cost application integration.
* Worked with an agile Development team to deliver an end to end **continuous integration/continuous delivery** product in an open source environment using **Jenkins.**
* Developed API driven responsive Web Application by integrating **Angular 8** with Bootstrap and API's.
* Implementing or exposing the Micro services based on RESTful API utilizing Spring Boot with Spring MVC.
* Extensively used **XML, JSP, JavaScript, AJAX, Servlets** to drive the application / request user input from backend.
* Implementing or exposing the **Micro services** based on **RESTful API** utilizing Spring Boot with Spring MVC.

**Client: Century Link, CO-USA Jan 2017 to Dec 2017**

**Role: Java Developer.**

**Responsibilities:**

* Automated data movements using JavaScript’s, involved in splitting, validating, and processing of files.
* Built all database mapping classes using **Hibernate** models.
* Developed UI screens using HTML, CSS, AJAX, Bootstrap, JavaScript, and jQuery.
* Maintained Cross Browser compatibility and designed dynamic client-side JavaScript, codes to build web forms and simulate process for web application, page navigation and form validation.
* Designed and developed the **RESTful web services** using the JAVA Communications API to communicate over the network.
* Wrote JAVA code embedded with JSON and XML to produce HTTP GET request, parsing HTML data from websites.
* Called the RESTful web services to get the JSON object (Response) and manipulated the JSON Object to display the response in the webpage.
* Fine-tuned **Procedures/SQL queries** for maximum efficiency in Oracle 12C, for Rule based optimization.

**Client: ThermoFisher Scientific, Austin, TX May 2014-Dec 2016**

**Role: Java Developer**

**Responsibilities**:

* Used the light-weight container of the Spring framework to provide the architectural flexibility for inversions of control (IOC).
* Developed and implemented the web services using Spring framework.
* Developed and configured JAVA beans using Spring MVC and Hibernate.
* Implemented User Interface guidelines and standards throughout the development and maintenance of the website using HTML, CSS, JavaScript, and jQuery.
* Used hibernate in data access layer to access data and update information in the database.
* Wrote several stored procedures, functions, and cursors to build consistent reports for the sales.

**Client: Axis Bank, Hyd, India Apr 2012-Apr 2016**

**Role: Java Developer**

**Responsibilities**:

* Wrote **ANT build script** for compiling **EJB / Java classes**
* Involved in database design and modeling. Involved in **Coding**, **Stored procedures** and **Triggers.**
* Involved in **Design** and **Development** **of eProcurement** and Procure Network Modules using **HTML** and **JSP**.
* Designed and implemented **Controller Servlet** to control all requests.
* Worked on developing **JSP pages** to show dynamic contents.
* Involved in **code reviews**, **Code optimization** and **performance tuning.**