Sravan Kumar

Java Developer | Email id: Kothisravan03@gmail.com | Phone: (414) 600-9702

**PROFESSIONAL SUMMARY**:

* Around 7 years of experience in design, development and Agile methodologies like SCRUM, Test Driven Development (TDD), Incremental and Iteration methodology and Testing using **Software Development Life Cycle.**
* Strong programming skills in Java, C/C++, Multi-Threaded applications, and J2EE technologies like JDBC, JSP, JMS, servlets.
* **Experienced in Development, Testing and Deployment of enterprise applications on Windows, Linux and UNIX platforms using IDEs such as Eclipse, NetBeans, IntelliJ1.**
* Experience in building single page applications (SPA) using HTML/HTML5, CSS/CSS3, JavaScript.
* Experience in development of web applications using Java/J2EE, Servlets, **Hibernate (**ORM)**,** JSP, JSF, JSTL, Spring, Spring boot, EJB, JMS, Servlets, Web Services **(SOAP, REST), E-Commerce, Micro Services**, JDBC, JAXP, Swing.
* Experienced in MVC (Model View Controller) architecture with Struts and Springs framework involving various J2EE design patterns
* Experience in Java technologies which include Java Collections, Interfaces, Synchronization, Serialization, IO, Exception Handling, Multi-Threading, Java Beans, REST API, WSDL.
* Expertise in design and development of enterprise level spring-based web applications using Spring REST, Hibernate, EJB, Struts, Servlets 3.x, JSP and JSF for User Interface Applications.
* Rich experience in consuming Restful web services by making asynchronous calls to the server using Ajax, Super-agent, Axioms, isomorphic-fetch and resolving the JSON from the response
* Experience in working with the NoSQL and Apache Cassandra.
* Exposure in configuring and deploying applications on Pivotal Cloud Foundry
* Experience in working on the Pivotal Cloud Foundry PAAS environment
* **Experience in testing with JUnit Framework using Mockito and Easy Mock, Spring JUnit Runner, JMeter.**
* Implementing Micro services to base on Restful API utilizing Spring Boot with Spring MVC and Apache Kafka.
* Good experience with Spring AOP, Spring Transactions, Spring Security, Spring Quartz batch jobs. Used Executor Framework to deal with Java Threads.
* Involved in building and deploying Apache ANT/ MAVEN scripts for deployment and customizing WAR/ JAR file management for web applications.
* Experience with Docker images, Containers, push/pull with Spring Boot, used Jenkins for CICD and AI.
* Experienced in web Application servers like Web Logic 10.0, JBoss 7.1.0, WebSphere 8 and Tomcat 8.
* Experienced in using Amazon Web Services AWS and experience focusing on services like EC2, VPC, Cloud Watch, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.
* **Expertise in several testing environments like JUnit, Selenium, CURL, Jenkins, SoapUI and System Testing.**
* Developed applications using latest technologies like EJB3.2, Spring, Hibernate3, and REST based Web services.
* Good knowledge in front end testing tools using Jasmine, Karma and Protractor.
* **Experience with CICD-Ant, Maven, Gradle, Jenkins, Hudson, CVS, Git, GitHub,** Nexus, Jenkins job creation**.**
* Worked on Web Services testing using Selenium, RC Server, Selenium Grid/Web Driver Testing, SOAPUI & Testing.
* Very good communication and analytical skills and can work independently as well as in a team environment.

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| TECHNICAL SKILLS: |
| **Languages** | C, C++ with OOPS, Java 1.7/1.8, J2EE |
| **Web Technologies**  | SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlets API. |
| Frameworks | Spring 4.x, Hibernate 4. x. |
| Application/Web servers | Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, Jenkins, WebSphere MQ. |
| Relational Databases | Oracle 10g/11g, SQL server, MySQL, DB2. |
| **NoSQL Databases** | MongoDB |
| Internet Technologies | HTML 5, JavaScript, XML 2.0, CSS 3, jQuery, Angular, |
| IDE | Eclipse, NetBeans, IntelliJ, Spring Tool Suite (STS)  |
| Operating system | Windows 10, Linux Mint, Unix |
| Bug tracking Tools | JUNIT, JIRA, Bugzilla. |
| Reporting Tools | Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0 |
| Methodologies | Agile, waterfall, TDD (Test-Driven-Development), Scrum |
| Developer IDE Platforms | Eclipse, Edit plus, Notepad ++, TEXT PAD, JBuilder, Net Beans, IntelliJ, Spring Tool Suite (STS), GITHUB. |
| Build Tools | Ant, Maven, Gradle. |
| Web Services | SOAP, REST, JAX-WS, JAX-RPC, JAX-RS |

**Professional Experience:**

**Client: CSX-Jacksonville,FL Dec 2019 – Till date.**

**Role: Java Developer**

**Description**: CSX Transportation is a leading supplier of rail-based freight transportation in north America. Our applications involve in creation of inspections, inventory and tracking devices for railcars. The inspection of the rail cars happens through a web-based portals and mobile application where the inspector and carmen enter the rail information that is to be inspected and saves the information in the database.

* **Responsible for Acceptance Test Driven Development (ATDD) or Behavior Driven Development (BDD) approaches to developing and testing software.**
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS, JavaScript, jQuery, prime faces, JSF.
* Involved in Code Review, Unit Testing and Integration Testing, Selenium Web Driver.
* Deployed J2EE applications in WebSphere application server by building and deploying ear file using ANT script.
* Designed and implemented Java Classes to use JAXP parser to create Java objects to be able to modify the data received in the response.
* Designed and developed Web Services (SOAP, WSDL). Created and compiled XML Schema to generate Java Bean classes using Apache Axis.
* Used Jenkins for continuous integration in which all development work is integrated and involved in deploying the application using Docker to AWS environment.
* Writing Unit test cases using JUnit testing framework and performed unit and system testing.
* Developed, Tested and Deployed application in was9 and liberty.
* Used Maven for building, deploying application, creating JPA based entity objects.
* Designed and developed front end screens for new reports using Swing components.
* **Designed and developed Microservices using REST framework and MVC.**
* **Enterprise level web applications were supported by building Spring based Java micro services.**
* **Service Oriented Architecture (SOA) was exposed through RESTful web services with loose coupling between layers using MVC during development.**
* Involved in writing and executing stored procedures, functions, and triggers for Oracle and PostgreSQL to create a Database.
* Persistence layer was implemented using Hibernate Framework.
* Used JDBC/Hibernate in persistence layer of the application.
* Worked on Oracle 10g for applications containing Annotated EJB3.0 entities relating to JPA.
* Used Spring Framework for Dependency Injection and integrated it with the Struts Framework and Hibernate.
* Used Spring Framework AOP Module to implement logging in the application to know the application status.
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency.
* Used Jenkins for continuous integration in which all development work is integrated and involved in deploying the application using Docker to AWS environment.
* Installing, configuring, and administering Jenkins CI tool using Chef on AWS EC2 instances.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* JSON used as the main data-interchange format in place of XML.
* **Designed and developed Microservices using REST framework and Spring Boot.**
* **Enterprise level web applications were supported by building Spring based Java micro services.**
* Used **Junit** Framework for the unit testing of all the java classes.

**Environment:**

Web Services (REST), Java, JavaScript, Prime faces, Bamboo, Junit, Eclipse, Oracle, Postgress, Git

Spring Boot, Kafka., Micro Services, Aws, Docker, Jenkins, Json, Rapid SQL, JMS, jQuery, HTML, CSS, liberty, Was9, WebLogic, AWS.

**Client: American Express - Phoenix, AZ Jan 2019 – Nov 2019**

**Role: Java Developer**

**Description**: As a JAVA/JEE Developer for Cloud Auto– Worked in Automation project. As part of Automation migrated all the services from Cloud forums to VMware. Implemented a high Security using Okta and worked on Ansible to manage Web applications.

**Responsibilities:**

* **Used Agile methodology and attended daily and weekly SCRUM meetings to update working status etc.**
* Developed Graphical User Interfaces using HTML5, CSS3, bootstrap, Angular4 and JSP's for user interaction.
* Implemented controllers, models and used ng-repeat to render JSON response to DOM
* Developed SPA (Single Page Applications) for presentation layer (UI) using Angular 4 with client-side validations.
* Implemented Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.
* Extensively used Core Spring MVC Framework for Dependency Injections of components.
* Worked on Thread handling to maintain continuity of execution and extensively implemented Multithreading concept to handle Transaction Management with isolation and propagation levels.
* Built microservices with Spring Boot to serve multiple applications across the organization. The data is provided & consumed in JSON
* Created Hibernate mappings and debug issues related to data integrity
* Created RFP microservice to provide RESTful API utilizing Spring Boot with Microservices.
* Used Web Logic for design, development, and deployment of applications.
* Creating Pivotal support tickets and working with the Vendor for the Pivotal Cloud Foundry related issues on a WebEx sharing and conference bridge
* Developed payment system module using Spring Microservices on Pivotal Cloud Foundry after successful execution of the main business model
* Developed the Web Services Client using REST, RSDL for verifying the new customer history to a connection.
* Strong Knowledge on Hibernate and in using Hibernate Connection Pooling, HQL, Collections, Hibernate Caching and Hibernate Transactions.
* Experience in developing and implementing Micro services and applications using Spring-boot on Docker.
* Extensive experience developing Web based applications using Java, J2EE, Web Services (SOAP & REST).
* **Used J2EE design patterns like MVC, Singleton, Factory, DAO, DTO and Service Locator etc.**
* Developed RESTful web services using Jersey, Spring framework and JAX-RS.
* **Created REST based web services by establishing links using HATEOAS from Spring based application.**
* **Used Spring core for dependency injection/inversion of control (IOC), and integrated with Hibernate.**
* **Spring Boot Microservices were developed with microservice architecture using REST and Apache Kafka.**
* Identified Re-Usable components in all modules and written Re-usable functions using Selenium Web driver and Java / Java Script.
* Developed and Implemented micro services applications using Cloud Foundry, Spring Boot.
* **Deployed Docker contained Spring boot micro services into Spring EC2 container service using AWS admin console**
* **Experience with building Docker Images and running them on Docker container.**
* Developed Python OO Design code for logging and debugging code optimization.
* Prepare Java/J2EE development structure for Eclipse, maven, Jetty.
* Extensively used Java 1.8 features such as Lambda Expressions, Parallel operations on collections for effective sorting mechanisms and new Date Time API.
* Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database
* Used Jenkins as the integration tool and improved scalability of applications on cross-platforms.
* Used JIRA to keep track of bugs and issues.
* Using JUnit test in Eclipse, developed Unit test cases and test suite. Curl was also implemented to test
* Used Maven for build and deployment to Tomcat server and Splunk as log monitoring.
* Developed Ansible to manage Web applications, Environments configuration, Users, Mount points and Packages.
* **Used Git for version control and JIRA for bug Tracking and Project Management.**

**Environment:** Java, J2EE, Spring 4.x, Hibernate, Spring Boot, JavaScript, Angular, Typescript, HTML 5.0, CSS3, NPM, Web pack, Swing, UNIX, Apache Tomcat, eclipse, Oracle 11g, Log4J, JUnit, Selenium, XML, Web Services, Rest full, Git, Micro services, Docker,AWS.

**Client: Freddie Mac - McLean, VA Sep 2017 – Dec 2018**

**Role: Full Stack Java Developer**

**Description**: As a JAVA/JEE Developer for Central Data Store – Loan APP and Contract APP, under the umbrella of Single Family. In the sphere of FHLMC, APPs are highly available, business critical and sustenance applications, intended to receive mortgage related data from the various upstream systems, subsequently storing it and provisioning

**Responsibilities:**

* **Developed and tested modules using Agile (SCRUM) methodologies and developed Technical design documents.**
* **Followed Agile with JIRA for a 2-week release approach of development/deployment strategy.**
* **Responsible for Acceptance Test Driven Development (ATDD) or Behavior Driven Development (BDD) approaches to developing and testing software.**
* Used jQuery to make the HTML, CSS interact with JavaScript functions to add dynamism to web page.
* **Worked with controller, service and view components in applications using Spring Boot framework.**
* **Implemented Spring modules like Controller, DI/IOC, Auto wiring, Spring security, AOP and AspectJ.**
* **Service Oriented Architecture (SOA) was exposed through RESTful web services with loose coupling between layers using Spring framework during development.**
* **Designed and developed Microservices using REST framework and Spring Boot.**
* **Enterprise level web applications were supported by building Spring based Java micro services.**
* **Created Single Page Application (SPA) which can data bind and synchronize server with Angular4 framework.**
* Deployed the Microservices on Pivotal Cloud Foundry for scalability of the applications in future. Used Docker as a container tool to deploy the Microservices
* **Hibernate DAO classes were developed to retrieve and save data using Spring framework manager classes.**
* Experience in Creating, Dropping Indexes, Tables, Stored Procs and Views on Oracle DB.
* Designed and developed front end screens for new reports using Swing components.
* Extensively used Java 1.8 features such as Lambda Expressions, Parallel operations on collections for effective sorting mechanisms and new Date Time API.
* Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database
* Implementation of data access layer has been cumbersome for a while and this was greatly resolved using Spring JPA through implementation of data access layers there by reducing boiler-plate-code.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* Involved in developing the persistence layer using Hibernate framework.
* Used Hibernate as an implementation engine for JPA API.
* Used Maven for building, deploying application, creating JPA based entity objects and compiling GWT application.
* Installing, configuring, and administering Jenkins CI tool using Chef on AWS EC2 instances.
* Developed, Tested and Deployed application in Apache Tomcat 8.0 server.
* Log4J is used for logging purposes and debug levels are defined for controlling what we log.
* Writing Unit test cases using JUnit testing framework and performed unit and system testing.
* Used Jenkins for continuous integration in which all development work is integrated and involved in deploying the application using Docker to AWS environment.
* Created and configured management reports and dashboards using Splunk.

**Environment:** Java/JDK 1.6/1.8, Eclipse, Neon, Spring, Hibernate, Xml, Json, Rapid SQL, Oracle Web Logic, JAX\_WS, Soap API, Rest Apia, Jenkins, Db2, SQL, Junit, Git, Micro Services, AWS.

**Client: JP Morgan Chase – New York, NY Jan 2017 – Aug 2017**

**Role: Java Developer**

**Project**: This application is to generate reports and improve the performance of existing reports. Major transactions include account transactions, credit card transactions and wire transactions. Customers can do banking from anywhere in the world using Internet. Other functionality includes payments of bills, account summary, current transactions, enrollment for account holders and email facility.

**Responsibilities:**

* Responsible for all stages of design, development, and deployment of applications. Active role in Test Driven Development termed as TDD apart from Agile Software Development.
* Involved in Java Multithreading to cascade multiple changes on multiple records in only one transaction
* Using Struts Framework developed and implemented the web-based application following the MVC.
* Written application level code to interact with RESTful Web APIs, Web Services using AJAX, JSON, XML and jQuery.
* Responsible for large-scale conversion of ActionScript 3 simulation/training program type script.
* Exposure in configuring and deploying applications on Pivotal Cloud Foundry
* Experience in working on the Pivotal Cloud Foundry PAAS environment
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency.
* Used multithreading to improve performance in generating the reports in Java.
* Designed and developed Web Services (SOAP, WSDL). Created and compiled XML Schema to generate Java Bean classes using Apache Axis.
* Used Spring Framework for Dependency Injection and integrated it with the Struts Framework and Hibernate.
* Used the Struts Validation and Tiles Framework in the presentation layer.

**Environment:** **Agile (SCRUM),** Subversion (SVN), XML, XSL, HTML5, JavaScript, CSS3, Ajax, Spring4.x, Hibernate 4.x, AWS, WebSphere, Swing, Web Services, JMS, TestNG, JSON, Maven, Log4j, Micro services, Oracle DB.

**Client: Ameriprise Financial – Minneapolis, MN Jan 2016 – Dec 2016**

**Role: Java Developer**

**Project**: The objective of new advisor compass is a portal that addresses advisers concerns with the current portal is site, to improve. Advisor satisfaction with Ameriprise technology, and to provide an attractive and compelling portal which is easily connects advisors with tools and information they needed to serve their clients.

**Responsibilities:**

* Extensively used core Java Collections, Generics, Exception Handling, and Design Patterns for functionality Involved in writing different Design Patterns like Filter, Action, Business Delegate, Service Locater, Data Transfer Objects (DTOs) and Data Access Objects (DAOs)
* Involved in writing and executing stored procedures, functions, and triggers for Oracle to create a Database
* Used JDBC/Hibernate in persistence layer of the application.
* Log4J is used for logging purposes and debug levels are defined for controlling what we log.
* Writing Unit test cases using JUnit testing framework and performed unit and system testing.
* Used Jenkins for continuous integration in which all development work is integrated and involved in deploying the application using Docker to AWS environment.
* Used multithreading to improve performance in generating the reports in Java.
* Designed and developed Web Services (SOAP, WSDL). Created and compiled XML Schema to generate Java Bean classes using Apache Axis.
* Participated in requirements Analysis work with Business/system analyst team to understand requirements.

**Environment:** Core Java/J2EE, Servlets, JSTL, CSS, JSON, SASS, JMS, XML, XSLT, JDBC, Ajax, Spring AOP Module, Ant Scripts, HTML, JavaScript, Eclipse, JUnit, Ant, Oracle 10g.

**Client: Marks and Spencer’s- Hyderabad, India July 2013 – Jul 2015**

**Role: Java Developer**

**Project**: It is used by the Boeing client to maintain their product information and used to develop next version of product using existing information.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC).
* Extensively used core Java Collections, Generics, Exception Handling, and Design Patterns for functionality Involved in writing different Design Patterns like Filter, Action, Business Delegate, Service Locater, Data Transfer Objects (DTOs) and Data Access Objects (DAOs)
* Involved in writing the exception and validation classes using Struts validation rules.
* Implemented the Email module, which included setting up JMS message queue.
* Used Apache Axis for consuming Web Services.
* Used JDBC/Hibernate in persistence layer of the application.

**Environment**: J2EE, Java SDK, XML, SAX, JSP, JMS, SASS, HTML, Struts, Hibernate, Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, Gradle, Oracle 10g.

**Client: SJI Solutions - Hyderabad, India Feb 2013 - June 2013**

**Role: Java Developer**

**Project**: This project covered hospital functions, management activities and decision-making. It provided all-round and all-angle support for the modern hospital.

**Responsibilities:**

* The system was designed per J2EE specifications. Servlets were used as a Front Controller gateway into the system.
* Developed Action Classes, which acts as the controller in Struts framework
* Created table and different batch programs to clean up tables in DB2 database
* Extensively used Collections and Exceptions in the batch program for database cleanup
* Establishing JDBC connection using database connection pool

**Environment:** JAVA, J2EE, HTML, XML, CSS, SASS, JavaScript, windows/Unix, Struts, Servlets, JSP, EJB, Eclipse, JDBC, DB2.

**EDUCATION**

* Bachelor’s in Computer Science from JNTU, Hyderabad, India