**Sravya J**

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**SUMMARY**

* Java Programmer with 8+ years of IT experience in Analysis, Design, Development, Testing and Deployment using **Java-J2EE technologies** in the areas of **E-commerce, Banking, Insurance, Service Domain**.
* Goal Driven, self-organized Developer with comprehensive understanding of various software development approaches such as **Waterfall and Agile Methodologies**
* Strong programming skills and development experience using **Java, J2EE, Servlets, JSP, HTML, JDBC, MVC, Spring, Hibernate, Web Services, XML, JSON.**
* Good understanding of object-oriented design with knowledge & experience in **data structures and algorithms**.
* Hand-on experience **core Java** concepts: **Multithreading, Collections and Concurrency.**
* Experience in **developing/maintaining Test Frameworks for Automation using Selenium and Java (Page Object model, keyword Driven, Data Driven models) and TDD/BDD approaches.**
* Experienced in various **Java** and **J2EE Frameworks** such as Spring MVC Framework, Hibernate, JMS, JSTL, Jersey, Spring Rest & Spring Boot Technologies
* Hands-on experience in the Spring Framework, Spring Core (IOC Container, Dependency Injection and AOP), Spring MVC, Spring Templates, Data Access (Transactions, JDBC, and ORM) and Spring Boot Technologies
* Expertise in Creating and Consuming Web Services, related technologies, and tools: SOAP, Restful (Jersey & Spring REST)
* Experience in testing **web services** using **Postman** tools.
* Implemented Java 8 features like lambdas, functional interfaces, function packages classes and streams for development.
* Experience with frontend technologies like HTML, XHTML, CSS, JavaScript
* Experience with **web/application servers** like **WebSphere, WebLogic, JBoss,** and **Tomcat Server.**
* Experience in various kinds of testing’s **like sanity testing, smoke testing, Functional, Regression, System, compatibility testing, Black Box Testing.**
* Proficiency in developing **build & deployment** scripts using **Maven** andextensive experience in different **IDEs** like **RAD, Eclipse, IntelliJ.**
* Experience with **JUnit, TestNG** and **Log4j** in developing test cases.
* Experience in web Automation tools like **Selenium IDE** and **Selenium Web Driver**.
* Experienced in manual testing and automate SOAP and Restful Web Services using **Postman, SOAPUI, Apache HTTP Client, Rest Assured.**
* Good knowledge in Design Patterns like MVC, Singleton, Factory, Abstract Factory, Business Delegate, DAO, Service Locator and Session Facade**.**
* Technically Savvywith far-reaching talents using multiple **RDBMS** products like **Oracle, Cassandra and MySQL**
* Experience in No-SQL using **MongoDB, Cassandra, DynamoDB**
* Good knowledge of **version control system** **tools** like **SVN, GIT.**
* Experience in working in an Onsite/Offshore delivery model.
* Proactive and well organized with effective time management skills.
* Flexible and easy adaptation to all kinds of work environments with good team/independent management for best quality end results with emphasis on performance optimization.

**TECHNICAL SKILLS**

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| **Languages:** | **Java,** **SQL,** HTML, JavaScript and XML. |
| **J2EE Technologies** | J2EE, Servlets, JSTL, JDBC, JUnit, JMS, JDBC, Java Mail, Applets, Hibernate, Spring MVC, Web Services, JAX-RPC, RESTFUL, CSS3, Spring Boot, Spring Data. |
| **Testing Methodologies** | System Testing, Functional Testing, Regression Testing |
| **Web Service Technologies/Tools** | SOAP, **RESTful Services**, WSDL, UDDI, Apache Http Client, Rest Assured, Postman, SOAP UI, JAXB, Jackson, Gson |
| **Frameworks/Tools** | Spring, Hibernate, MVC Architecture, Web Services, Jersey, Spring REST, Log4j, Maven |
| **Web/Application Servers** | **WebSphere,** **Web Logic, Microservices**, JBOSS, **Apache Tomcat,** Apache HTTP Server |
| **Software Methodologies** | **Agile Scrum**, Waterfall |
| **Databases and Tools** | Oracle SQL developer, MySQL developer, DBeaver, **Cassandra, MongoDB,** MS-Access, MS SQL-Server. |
| **Scripts** | JavaScript, Shell Script, jQuery, Angular JS, React JS |
| **IDEs/tools** | **Eclipse**, Spring Source, **Jenkins** |
| **Testing Tools/Frameworks** | **Selenium IDE/WebDriver, TestNG, JUnit,** JMeter, Cucumber. |
| **Operating Systems** | UNIX, Linux, Windows 10, Mac. |

**EDUCATION**

**Bachelor of Technology in Computer Science**, JNTU, India

**Master of Science in Computer Science,** Purdue University Northwest,USA

**EXPERIENCE**

**Apple Inc., Austin, TX Nov 2020- Present**

**Role: Software Development Engineer in Test**

JMET is an outstanding security engineering group within Apple IS&T. We provide critical services for the

company across every product line. From manufacturing to customer facing, our services span across

the entire lifecycle of most Apple hardware. We are responsible to design, implement and support the

ongoing need to improve customer safety and privacy by providing security services that are tightly.

coupled with hardware.

**Responsibilities:**

* Develop Rest based API services that perform operations to store data and migrate the data across different apps.
* Develop an application service that provides API to perform get/put/post operations.
* Develop and execute software tests to identify software problems and their causes.
* Document the software defects using bug tracking system.
* Develop testing programs that address areas such as database impacts, software scenarios, regression testing, negative testing, error.
* Run applications regression tests for every feature release and report any bugs to the development team.
* Automate different test case scenarios for each feature.
* Provide feedback and recommendations to developers on software usability and functionality.
* Update automated test scripts to ensure accuracy.
* Tested Rest API using Apache HTTP Client, rest assured, Test NG, Log4j Frameworks.
* Configured TestNG, Maven tool and created automation scripts in Java.
* Experience developing test automation with TestNG and debugging.
* Performing Sanity, Regression and Smoke Testing for every feature release.
* Performed Functional Testing to identify various critical points in the application and automated it.

**Environment:** **Java, J2EE, Tomcat, Restful Web services, Sql, Oracle 12C Database, Shell Scripting, Web Services, JAX-RS, Maven, Jenkins, GIT, Junit, TestNG, Apache HTTP Client, shell script, Linux, Jackson, Spring test, Hibernate, HTTP core, Splunk.**

**Walmart Labs Inc., Sunnyvale, CA May 2019- Oct 2020**

**Role: Software Development Engineer in Test**

Walmart, the world’s largest retailer, delivers innovations that improve how the customers shop and the enterprise operate. The project is to build a tool which monitors the health and sanity of each application in a preprod environment. The tool also validates the data that is used for testing and other operations.

**Responsibilities:**

* Developed an application that monitors and checks the health of each application’s status, store the status in DB and show case the results on dashboard.
* Setup data on dashboard and run required validations for other teams to use it for testing purposes.
* Communicate with different teams to gather data and work with cross-functional teams.
* Develop test suites for each application based on gathered data.
* Understand the business requirements/ specifications, design, develop Java code based on the provided requirements.
* Integrate developed code with the code base and build and deploy the complete application to the web and application servers.
* Working closely with Development Manager in Agile/ Scrum process to ensure a timely release of high-quality software and tracking defects.
* Create Maven pom.xml files and integrated with Jenkins CI worked closely with build engineers.
* Responsible for developing Spring Controllers, Service Components and DAO using Hibernate framework.
* Used Java8 features like stream and Lambda expressions.
* Tested Rest API using Apache HTTP client, Rest assured, Test NG, Log4j and Page Object Model Framework
* Configured Selenium Web Driver, TestNG, Maven tool and created selenium automation scripts in java.
* Used JIRA for defect management includes, defect logging, defect tracking, defect tracking and defect closure.

**Environment:** **Java8, J2EE, Hibernate, Tomcat, Spring, Restful Web services, Hibernate, Oracle 12C Database, Apache Cassandra, Shell Scripting, Web Services, JAX-RS, Maven, Jenkins, GIT, JUnit, HTML, CSS, JavaScript, Unix, Selenium WebDriver, TestNG, Apache HTTP Client, DBeaver.**

**Gap Inc., CA                                                      June 2018 – May 2019**

**Role: Java/J2EE Developer**

GAP Inc. is an American multinational Clothing and accessories retailer. It is a leading global specialty retailer offering clothing, accessories and personal care for men, women, children and babies. The Project is based on customers prospective, which provides information about their orders, accounts information, contact customer service and maintain payments & account profile online. The technology stack includes: JEE, Spring, Hibernate, Restful, jQuery and WebSphere Application Servers

**Responsibilities:**

* Involved in Agile Scrum methodology, Agile meeting, Sprint, and Release Planning meetings.
* Designed and Coded JEE components using spring and hibernate.
* Analyzed and implemented the Spring-MVC framework.
* Used XML based transactional support of Spring Framework.
* Responsible for developing Spring Controllers, Service Components and DAO using Hibernate framework.
* Implemented Hibernate and replaced JDBC code.
* Worked on Web Services using REST. Worked both on Service and Client Side
* Configured Log4j Mechanism for complete project using xml files.
* Create Maven pom.xml files and integrated with Jenkins CI worked closely with build engineers.
* Designed & Developed user interface layer using combination of JSPs, HTML, JavaScript for front end.
* Written stored procedures and inner joins using RDBMS Oracle on Unix and Windows environment.
* Designed the application using UML, Class Diagrams, Sequence diagrams and State diagrams.
* Wrote JUnit tests to test all implementation. Set up code coverage tool for web applications to monitor the degree of source code being tested in different environments.
* Used TestNG Annotations in Selenium Web Driver and executed a batch of tests as testing suite.
* Involved in executing SQL queries for backend testing and BDD testing using cucumber.
* Coordinated the efforts across several teams to ensure smooth progress of migration and to resolve any issues.
* Supported the application in production and worked on the incident’s timely manner.
* Demonstrated the application to end user during scrum meeting and end of the release.
* Involved in resolving business and technical issues.

**Environment:** **Java, JEE, JSP, Spring (MVC, Core, IOC, DAO), Restful Web services, Jersey, Hibernate, Servlets, JSTL, HTML, CSS, XML, Ajax, Java Script, Log4j, Maven, Jenkin, Java Beans, SVN, Junit, Oracle, SQL, Linux, Agile, Cucumber, Selenium web driver**

**Stanford Research Center, CA Jan 2017 – June 2018**

**Role: Java Developer**

Sleep-EVAL, Knowledge Based System for the Diagnosis of Sleep and Mental Disorders. People who suffer sleep disorders take a survey before they visit the doctor.

**Responsibilities:**

* Designs, develops, and tests new and/or modifies existing web-based applications in languages such as Java, J2EE.
* Developed a UDP (User-defined Product) Framework with team members.
* APIs were implemented according to their own need using techniques like Web services, Messaging and REST.
* DAO layers using Spring and Hibernate.
* Developed using Java script, HTML5 And CSS3.
* Used impact analysis.
* Provided system software support for web applications and components.
* Prepare documentation for deployment purposes and respond to any implementation issues as needed to ensure quality deliverables have been met.
* Experience defining and structuring RESTful APIs for notification-based services.
* Creates and maintains JUnit tests and performs full regression testing and Jenkins.
* Developed using Agile and TDD.

**Environment**: **Java/ JEE, Spring MVC, Junit, Jenkins, CSS, Hibernate, TDD, Agile, REST**

**Genpact Headstrong Capital Markets, India                                   May 2014 – Aug 2015**

**Role: Java/J2EE Developer**

GenWeb is a web development framework for creating a web application with lesser effort (saves up to 50% of efforts). This framework generates the initial structure of the web application once the data base models created with help of spring’s framework. This framework creates dynamic web pages, which have tables, forms, login pages. This is also capable of creating single page applications.

**Responsibilities:**

* Worked closely with the designers to translate the design into website and interactive experience.
* Developed backend web services and stored dependencies.
* Developed web pages to create messages, to set up messages rules and to set up content using AJAX, JavaScript and XML
* Implemented JavaScript client-side form for validation to validate the user inputs before passing to back-end.
* Built web pages that are more interactive using AJAX, JavaScript.
* Worked closely with the designers to translate the design into website and interactive experience.
* Developed backend web services and stored dependencies.
* Wrote some of the pages involving Java script as well as refactoring of backend.

**Environment: J2EE, Java, JDBC, HTML, CSS, jQuery, JavaScript, Oracle Application Server, SQL, UML, XML, Web logic, Maven 2.0, Oracle 10g.**

**AEGON Insurance, India                                                                                  Jul 2012 – Apr 2014**

**Role: Java Developer**

This project deals with creation of email templates which sent to all Nationwide agents, consumers etc. using Exact Target. Uses soap web service to get the status of email delivered and ftp it to file to send it to consumers.  Use Exact Target to create both responsive and non-responsive emails which are sent out to consumers.

**Responsibilities:**

* Involved in System study and End to End Design and Development of the system.
* Involved in implementing the business logic as per the customer requirements.
* Used the J2EE components like JSP’s, Servlets and implemented Spring framework for MVC architecture.
* Involved in designing the user interfaces using JSP’s and configured beans in spring configuration file and developed custom tags, JSTL to support custom User Interfaces.
* Implemented Spring Controllers, Spring mapping and validation classes.
* Involved in Hibernate configuration and writing DAO classes.
* Configured Log4j configuration for complete project.
* Responsible for production support and patching the application for incidents.

**Environment**: **Java, J2EE, Spring, Hibernate, JDBC, JUnit, Web Services, SOAP, Oracle 10g, Toad, XML, Log4J, WebLogic, Eclipse**