

## Saraswati Panda

### Summary:

- ❖ Having **2+** years of **QA** experience in **Manual/Automation** testing of **Web, Mobile** apps and **API** with a specialization in **QA Automation Engineer**.
- ❖ Expertise in Quality Analysis with a strong understanding of the **Software Development Life Cycle** using **Agile & Waterfall methodologies**.
- ❖ Experience in **Automation** testing using **Java, Selenium WebDriver, REST Assured, HttpClient, Appium, Cucumber, TestNG, SoapUI, Maven** and **Jenkins**.
- ❖ Good experience with **Java** libraries like **Apache POI** for **Data-Driven** testing, **RESTAssured, JsonPath** for **REST API** automation and **log4J** for **logging** and **debugging** applications.
- ❖ Hands-on experience in using **TestNG** and **JUnit** Test frameworks in projects.
- ❖ Extensive knowledge of using **GIT Maven** for build and **Jenkins** for Continuous Integration & Continuous Deployment (**CI & CD**)
- ❖ Good exposure to **TDD** and **BDD** environments worked with **Cucumber, scenarios** and **step definitions**.
- ❖ Extensive experience in **Creating/Working** with **Automation Framework** for **Web, Mobile, and API automation**.
- ❖ Expertise in developing the **Hybrid Automation Framework** which uses **Page Object Model, Data-Driven, UI Mapping** to automate pages and to create test automation suites using **Selenium WebDriver, TestNG, Java**.
- ❖ Experience in **POSTMAN** tool for **API** testing for some scenarios manually.
- ❖ Experience with **HttpClient** and **RESTAssured** for **REST API** automation worked with all operations, **Authentication** and **Authorization** features.
- ❖ Experience working with **Web services (SOAP, REST, WSDL), SOAPUI** tool, **XMLvalidating** request, and response.
- ❖ Experience with **JMeter** for performance testing of **HTTP API**, used **Thread Groups, Configs, Pre and Post Samplers, Samplers** and **Listeners**. Performed **Load** and **Stress** scenarios to calculate the Average response time and Throughput.
- ❖ Experience with **JSON** parsing using **org.json** and **RESTAssured** for **REST API** validations.
- ❖ Experience working with **Mobile Automation** using **Appium** for **Android** devices.
- ❖ Experience in **Mobile Testing** using **Mobile Simulators, Emulators-Genymotion** and real devices worked with **UIAutomatorViewer** and **Appium Inspector** for **locating** the elements.
- ❖ Proficient in **Continuous Integration** and **Continuous Deployment** using **Jenkins**.
- ❖ Experience working in **SQL** queries with **Oracle** and **MySQL** database and familiar with **MongoDB**.
- ❖ Worked on **Jenkins** and **Docker** interactively and integrating together for an end to end automation of builds and deployment.
- ❖ Experience on Deployment Automation & Containerization (Docker, Kubernetes).
- ❖ Familiarity with cloud-based platforms specifically **Google Cloud** and with **running automation** suite on **Sauce Labs** browser cloud.
- ❖ Experience with Project management defects management tools like **Rally** and **JIRA**.

**Education:** B-Tech(Computer Science), Biju Patnaik University Of Technology ,Odisha, 2018.

**Technical Skills:**

Bug Tracking Tools	Rally, JIRA, Bugzilla.
Databases	Oracle, MYSQL, SQL, MongoDB
Testing Tools	Selenium WebDriver, Cucumber, POSTMAN, Protractor, Appium, SOAPUI, Docker, JMeter, Maven, GIT, Jenkins,
Languages	Java, Shell Scripts, SQL.
Java Packages	Apache HttpClient, RESTAssured, Apache POI, Log4j.

**Macy's - Hyderabad**

**Nov 2018 to Present**

**SDET**

**Description:** Macy's is a US chain of mid to high range department stores. Web-based Customer Order Management System is a pre-packaged composite application that streamlines and automates creating, managing and coordinating customer orders and related customer order information. Customer Order Management provides centralized visibility into the process of generating, tracking and managing orders across departments. Macy's web-based Customer Order Management allows customers to view order status, order date and time, shipping information, billing information, exchange and return information and order related questions.

**Responsibilities:**

- ❖ Involved in **Agile meetings, Storyboarding, daily stand up** meetings, worked as part of the **Agile Team** to test, automate and maintain the automation frameworks.
- ❖ Involved in writing and designing templates for the **Test Plans** and **Test cases**.
- ❖ Analyzed Business Requirements Document, **Functional** Specifications Document and Technical Design Document to develop **Test Plan** and **Test Cases**.
- ❖ Implemented design patterns like **Page Object, Data-Driven, UI Mapping in Hybrid Automation Framework** with **Selenium WebDriver, Maven, TestNG** and **Jenkins, Apache POI, Java**.
- ❖ Developed utilities for handling **WebDriver Waits, Window Handles, Screenshots** and **Listeners** in Automation Framework.
- ❖ Used **Page Object Pattern, UI Mapping, Data-Driven, Base Classes, Dynamic Configuration, and Singleton** to make the framework.
- ❖ Implemented **Data Driven Framework** and worked extensively with the **TestNG** testing framework. and **Data-Driven Testing** using **@Parameters** and **@DataProvider** Annotations.
- ❖ Developed manual and automation of API **testing** using **RESTful** to check whether we can able to hit the **API's** correctly and verifying the response using **POSTMAN** collections (used import and export options).
- ❖ Performed **RESTful** Web Services automation testing using **RESTAssured** along with **TestNG**, also used **Apache POI, log4j** and **JDBC** Connections.

- ❖ Executed compatibility testing, using different **Mobile Devices** and **Android SDK**, **Appium** and **Emulators**.
- ❖ Involved in creating test cases for **Mobile Native Apps** like **Android** Devices using **Appium**, Android Tools **AVD**, **ADB**, **logcat**, and **Emulator**.
- ❖ Worked on **GIT** Repository and developed **Maven** build scripts, and executed them in **Jenkins** to build the Production Environment.
- ❖ Worked on **Performance** testing using **JMeter**, developed **Load scripts** for **REST API** performance testing, Generated **response times** with **throughputs** for different **load scenarios**.
- ❖ Involved in the creation of **Automation Framework** in **Selenium WebDriver** using the **Behavior Driven Testing** (BDT) approach in the **Cucumber** framework.
- ❖ Worked on **Jenkins** and **Docker** interactively and integrating together for an end to end automation of builds and deployment.
- ❖ Worked on infrastructure with **Docker** containerization and maintained **Docker Images** and **containers**.
- ❖ Executed **parallel browser** testing on various machines using **Selenium Grid** and performed **cross-browser testing**.
- ❖ Analyzing **User Stories**, Building up all the test cases and log bugs through **JIRA**.

**Environment:** Selenium WebDriver/Grid, Agile, Java, RESTAssured, Maven, JMeter, Appium, TestNG, Jenkins, JIRA, Cucumber, Docker and GIT.