**LAVANYA M**

Software Test Engineer

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**Career Objective:**

Intend to work in an environment that enhances my skill and motivates me to utilize my potential to the fullest extent to contribute to the company both individually as well as a team.

**Professional Summary:**

* **5.1 years** of IT Industry Experience in Software Testing of both **Automation and Functional**
* Adept in handling project activities and documentation until closure with cross-cultural teams in **India, USA, UK.**
* Have Insightful experience on **Telecom** and **E-commerce** domain applications.
* Highly skilled in developing automation frameworks from scratch for web applications using **Selenium with Java** and **REST Assured API & Postman**
* Profound knowledge on **Java Concepts** and **Object-Oriented Programming (OOP)** concepts and implementing them in Automation Framework
* Proficient in implementing various framework components like **Cucumber, TestNG, Log 4j, Extent Reports, Maven, Auto IT, Jenkins, Git Hub, Allure Reports**
* Extensive Experience in developing the **Page Object Model and Data Driven Automation frameworks** from Scratch
* Strong Experience in building **API Automation Framework** using **REST Assured, TestNG, JUNIT Maven & Cucumber.**
* Expertise in Software Development Life Cycle **(SDLC)**, Software Testing Life Cycle **(STLC)** and QA methodologies, Defect Life Cycle and Defect Tracking
* Experience in documentation for test processes such as **Test Plans, Test cases, Test artifacts Review, Traceability, Test reports and Test certificates**
* Strong experience in performing Smoke, sanity, Functional, Non-Functional, Regression, Whitebox, Blackbox and End to End testing in QA, Staging and UAT environments.
* Extensive experience in **Database Testing**, ability to develop **SQL** scripts to perform data validation testing
* Extensive experience in **Agile methodology & Scrum Ceremonies (Backlog Grooming, Storytime, Open Close and Retrospective)**
* Good troubleshooting, production support skills and interaction abilities with end user clients.
* Experienced coordinating and working with offshore and onsite team (QA, Dev, PM, PO, Scrum master)

**Work Experience:**

* Working as a Consultant at Capgemini from October 2022 to till now.
* Worked for **Netxcell Limited** as a Software Test Engineer from Sep 2018 to Sep 2022.

**Educational Qualification:**

* M.C.A from Sri Venkateshwara University with an Aggregate of **74%**, **March 2010**.
* B.Sc. (Computer Science) from Sri Padmavathi degree college in Tirupati an Aggregate of **73, June 2007**.

**Technical Skills:**

**Testing Tools** : Selenium WebDriver, Selenium Grid, Rest assured, Soap UI, Postman

**Programming Languages :** Core Java, HTML, and XML.

**Testing Frameworks :** Junit, TestNG, Cucumber (BDD), Page Object Model (POM), Data Driven

**Automation Components :** Maven, Log4J, Apache POI, Extent Reports, Git Hub, Auto IT, Jenkins

**Databases** : SQL Server, Postgre SQL, Oracle

**Operating Systems :** Windows, Mac, Unix/Linux

**Summary of Work Experience:**

**Project#1**

**Title** : E2E Sales Online

**Client** : GapInc.

**Duration** : Oct 2022 to till now

**Description :** E-commerce GAP online application is used to sell products like cloths, accessories, footwear etc., for US, Canada, Japan, Europe and UK markets. GAP E-commerce application is also having sister site links of other brands Banana Republic, Old Navy, Athl etc. Customers can select the single brand item or mixed Brand items. Many product teams (Catalogue, ICM, Check out Services, Pricing and Promotions, Loyalty, OMS etc.,) are involved to maintain this application. Each product team maintains the unique role in maintaining the application. Application is available in different pre-prod environments like Stage, Test, APP, and WIP for various purposes.

**Responsibilities:**

* Analyzed solution document and functional requirement specifications to understand business rules of application
* Designing automation test suites for regression testing using knowledge of **java programming language and Selenium WebDriver.**
* Identified the test cases need to automate and developed the test scripts by using **Selenium and Test NG**
* Used Eclipse to debug Java code and utilize Maven as project builder with internal Maven Dependency repository
* Segregated multiple end-to-end scenarios by creating annotations at test level
* Developed **Maven** Build scripts to run Sanity Test scripts developed in **Selenium WebDriver.**
* Developed manual and automated test cases to **validate REST API web service**, Validation

was performed using Postman and custom-written Java scripts.

* Participated in internal and cross functional code and design reviews
* Supported on production deployment and UAT/ Production issues
* Used **BDD Cucumber** by creating the Features and Step Definition files to execute test scripts.
* Implemented **Scenario Outline** to obtain **Data driven testing** using **Examples keyword** and used tags for in the Test Runner File to execute the feature files

**Environment:** Java, Selenium WebDriver, Rest API, TestNG, Maven, Jenkins, Postgres SQL, JSON, Postman

**Project#2**

**Title** : e Research Technology

**Client** : Clario.

**Duration** : June 2020 to Sep 2022.

**Description :** Clario is Healthcare Client and deals with all Site related modules using ERT (e Research Technology) application. ERT application provides the interface to clients and Internal users to view and create sites, activate Sites using Study works application. Site Management Bounded Context models this domain and Site Service is the central service with specific responsibilities of managing the lifecycle of all Clario One Sites within Studies, managing Institutes, mastering existing Site and Institute records from the current Source Systems whereas Site Service is an asset with Clario Core to provide the creation and lifecycle management of Institutions Sites within Studies

**Responsibilities:**

● Analyzing and reviewing the Requirement documents from the BRD and FSD.

● Identifying the **UI Automation** and **API Automation** testcases that needs to be Automated using Katalon Studio

● Preparing Automation Scripts using **Katalon Studio automation tool** for both Web and Device application testcases

● Co ordinating with **Offshore and Onsite teams** and Development team for the reported bugs and follow up on Issue fixes

● Performed **Smoke testing, Functional testing, Integration testing,** **System Testing,** **compatibility testing,** **Regression testing** for every sprint release

● Preparing **Test Plan**, **Test Strategy, Test Cases** and **Test Closure documents** for every sprint release

● Reviewing the **Pull Requests and Merging the code** and responsible in making sure that Code is more reusable and effective

● Executing both **Manual and Automation testcases**, reporting Issues in **defect Management** tools  **Polarion**

● Participating in all Agile Ceremonies like **Daily Scrum Calls, Sprint Planning meetings, Sprint Review meetings** and **Retrospective meetings**

● Preparing the **smoke, sanity and regression** test suites and configure them into Jenkins for execution

● Provides the **KT sessions** on application architecture and automation framework to new joiners, various product teams

**Environment:** Java, Selenium WebDriver, Katalon, Rest API, TestNG, Jenkins, Postgres SQL, Groovy Script, JSON, Postman

**Project#3**

**Title** : **iDOC (Integrated Documentation System)**

**Client** : Bharti Airtel /IBM

**Duration** : Sep 2018 to May2020

**Description:** iDOC is a software application, developed to manage and activate the Customer Application Forms (CAF) for Airtel customers. iDOC application consists of different workflows like Prepaid, Postpaid, Non FTA (Existing Customers) and COCP (Corporate Customers) for different types of customers. This application is integrated with 30+ integration systems like FTA, iCRM, Dedupe, Equifax and OMNI to activate the CAF. Each workflow having different Modules like Data entry, Inward, Employee verification, Dedupe, Order creation, Image verification, Reports, Address verification, Warehouse.

**Responsibilities:**

* Involved in **planning, scheduling, developing** and **execution** of the automation tests and coordinates the **release cycles**
* Identified the test cases need to automate and developed the test scripts by using Selenium (Java) and **Restful APIs, Postman collections**
* Preparing the smoke, sanity and regression test suites and configure them into Jenkins for execution
* Build deployment, Windows and Web services installations in **QA, UAT and SIT Servers**
* Code review and merging the code and also responsible in maintaining the code base to use more reusable and effective.
* Involved in bugs tracking & prepared bug report document in **JIRA**.
* Supported on production deployment and UAT/ Production issues
* Co-ordinates with onsite team, offshore team and operational team in defects fixes
* Participating in daily scrum calls, stand-up calls, sprint review meetings, open/close and backlog grooming sessions
* Provides the KT sessions on application architecture and automation framework to new joiners

**Environment:** Java, Selenium WebDriver, TestNG, Maven, Jenkins, IBM DB2, XML, Restful API, Cucumber, GIT Hub, Log4J, Extent Reports

**Declaration:**

I hereby declare that the above information is true to the best of my knowledge. If given a chance, I will try my best to come true to your aspirations.

Place: Hyderabad, India **Lavanya M**

Date: