**Kalpana Mali**

Automation Project Manager

Email: kalpanaknit@gmail.com, Phone: +91 9677126677

# OVERVIEW

*A dynamic professional with overall 15 yrs IT industry experiences in Functional and Automated testing in Telecom domain and Banking domain .*

*Experience in Planning, Designing, Building and Maintaining complex Test Automation Frameworks (Data-Driven, Keyword, Hybrid, Page Object Model)*

*Exceptionally skilled in creating Java/Python Automation Scripts using SeleniumWebDriver, JUnit, TestNG.*

***Key responsibilities include*** *– Identify, scope and architect Automation solutions for UI Applications*

*Managing Team and working on delivery of Project*

# *Experience in Automation of OSS -COM and SOM products in Telecom domain and Banking Domain*

# *Excellent analytical, organizational and problem solving skills.*

# *Good knowledge in Software Development Life Cycle (SDLC)*

# *Experience in Waterfall and Agile and Waterfall Methodology*

# *Testing Experience in all the phases from Requirements Analysis to UAT*

# *Extensive experience in Functional Testing, System Testing, Regression Testing, Integration Testing, E2E Testing*

# HIGHLIGHTS

* **Citi Bank**– Automation framework has created for performing System Integration Testing for Citi Trading application using Selenium,BDD,Katalon Studio

Automation framework is integrated with Extent Report for Reporting and Test Suite is integrated with Jenkins for continuous Run

* **Charter Communication** -- Automation framework has created for performing System Integration Testing for Charter Billing Web Application using Selenium,TestNg.,Robot Framework

Automation framework has set up for Windows based Billing system using Winium.

Automation framework is integrated with Extent Report for Reporting and Test Suite is integrated with Jenkins for continuous Run

* **Comcast** – Automation Framework is set up using rest assured and Cucumber with Junit for Automation testing of Backoffice of Video Streaming System.
* **Telstra** -- Involved in Manual Testing using Cramer (Resource Manager, Task Engine and Delivery Engine) for inventory management of Telstra .
* **SFR** – Involved in Manual Testing using Cramer (Resource Manager, Task Engine and Delivery Engine) for inventory management of SFR.

# TECHNICAL SKILLS

**Test Automation** –Selenium, JUnit, TestNG, Cucumber.Katalon Studio,Robot framework

API Automation using Rest Assured

DevOps/DevSecOps --Jenkins, SonarQube, GIT

**Domain** – Strong knowledge in Telecom Domain and Banking.

**Operating System** – Unix and Windows

**Language**-Java,Python

# EXTERNAL Certifications

* **ISTQB Test Automation Engineer**
* **ISTQB Test Manager**
* **Microsoft AZ900 Fundamental**

# EDUCATION

# Bachelor of Technology in Electrical from KNIT Sultanpur, India

# EXPERIENCE DETAILS –

*Automation Project Manager – (Dec 2021 – Till date)*

*Infosys Limited*

*Client: Citi*

*Project: Trade Management System*

Building Automation Framework for Citi Trading applications.Migration of scripts from IE to Edge

* Playing a role of Automation Project Manger
* Given solution for Web Application Automation using Selenium web driver with TESTNG and BDD framework.
* Implement Continuous Integration testing using Jenkins
* Leading validation activities for the assigned sub-modules for Functional, Integration, System testing.
* Perform root-cause analysis of any issues that arise post-implementation and work on solutions related to issue fixing.
* Participate in activities related to estimation of work product to provide inputs for overall project

*Technical Test Lead – (Jan 2020 – Dec 2021)*

*Infosys Limited*

*Client: Charter Communication*

*Project: ICOMS Billing*

ICOMS (Integrated Communications Operations Management System) is a multi-service, fully integrated, subscriber management and billing system designed to manage all aspects of the modern cable operator’s business, including the provisioning of all telephony services and convergent billing

* Playing a role of Automation Lead
* Web Application Automation using Selenium web driver with TESTNG and BDD framework.
* Implement Continuous Integration testing using Jenkins
* Leading validation activities for the assigned sub-modules for Functional, Integration, System testing.
* Perform root-cause analysis of any issues that arise post-implementation and work on solutions related to issue fixing.
* Participate in activities related to estimation of work product to provide inputs for overall project

*Test Analyst – (July 2016 – Jan 2020)*

*Infosys Limited*

*Client: Comcast*

*Project: VIPER*

VIPER QA deals with end-to-end testing of components involved in VOD (Video ON Demand) Streaming, Quadrature Amplitude Modulator (QAM) and Dynamic Ad Insertion (DAI), Digital Addressable Controller (DAC), DNCS - Digital Network Control System, DTACS - Digital Transport Adapter Control, CASMR, Video Distribution Edge (VDE), Remote PHY – QAM and CCAP device, Next Generation Billing and Widevine.

* Playing a role of Manual /Automation Tester
* Web Application Automation using Selenium web driver with TESTNG and BDD framework.
* Responsible for Test case Preparation, test status reporting, defects tracking, onsite offshore co-ordination
* Responsible for understanding the business requirements
* Working in Streaming Services Module, Video Back-office system.
* Having experience of developing automation framework development
* Analysis of the regression suite and identification of test cases for automation.
* Performs End to end regression testing.
* Test reporting and defect reporting in ALM.
* Perform root-cause analysis of any issues that arise post-implementation and work on solutions related to issue fixing.
* Participate in activities related to estimation of work product to provide inputs for overall project estimation.
* Support and coach peers and juniors as and when required on specific technical competencies required to deliver on the assigned tasks
* Analysis of the regression suite and identification of test cases for automation.
* Involved in daily scrum calls for status update

*Test Analyst – (July 2016 – Jan 2020)*

*Infosys Limited*

*Client: Comcast*

*Project: Streaming Services*

Comcast Streaming services project involves Testing and Development of component involved for Streaming services Module for delivering Video on Demand and Linear channel to customer. Cloud Digital video reordering module is also covered under Streaming services. The flow of recording has been tested and automation of the test cases has been done in Java and selenium. Testing of Edge Devices and QAM device which supports Video on demand to client has been extensively done.

Video Validation of set top box with all trick plays are tested. End to End Testing for providing Video on demand has been tested.

* Played a role of Manual /Automation Tester
* Responsible for Test case Preparation, test status reporting, defects tracking, onsite offshore co-ordination
* Responsible for understanding the business requirements
* Worked in Streaming Services Module, Video Back-office system.
* Having Good knowledge of Edge QAM devices, Set top box and Video Back-office testing
* Working on Automation of Test cases using selenium, Test NG, Maven, Jenkins
* Analysis of the regression suite and identification of test cases for automation.
* Performs End to end regression testing.
* Test reporting and defect reporting in ALM.
* Analysis of the regression suite and identification of test cases for automation.
* Involved in daily scrum calls for status updates

*Test Analyst – (Aug2011 – June2012)*

*Amdocs*

*Client: Telstra*

*Project: Network Inventory Management*

Telstra Network Inventory was managed with Cramer (Resource Manager, Task Engine and Delivery Engine).

* Study of Requirements and test Case preparation.
* Responsible for driving defect identification, resolution and closure.
* Training for New members and juniors.
* Driving team to achieve results.
* Responsible for client interaction, point of contact for development teams, Meeting with managers to convey results and overall status of testing activities.

*Test Engineer – (April 2008 – July 2011)*

*Wipro Technologies*

*Client: SFR*

SFR is a French Telecom service provider which provides services like – basic telecommunication services along with other network services.

In terms of Testing, we are concerned with Network Inventory management using Cramer 4 and 6

* Prepare test plan for every evolution with types of testing to be performed, features and functionalities to be tested, features/functionalities not to be tested.
* Prepare test scenarios and test cases on the basis of requirements and specifications given.
* Check the defects found in last delivery if it is a new cycle and change their status accordingly either to fix or to reopen.
* Perform regression testing for the defects which were fixed in last cycle of testing.
* Map the test cases with requirements and execute them.
* Log the newly found defects in QC.
* If test exit criteria are fulfilled prepare an exit report and forward the delivery for third party testing.
* Send daily status report to both onsite and offshore team in order to maintain coordination between both.
* Tools Used: QC 9.2, Cramer 4 and Cramer6