

# Shankar

## Automation Developer with 7+ years of experience

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### Work History

#### Senior Test Engineer

IQVIA Software Ltd

Project: MyCare X Technical Upgrade

IQVIA has a variety of clients who use IQVIA's in-house software that provides a backbone to hospital management by providing tools for Bills, Admission, insurance, IP, OP.

**Key Tools Used :** Cucumber, Java, Selenium, RestAPI Automation , Postman, SQL

#### Key Responsibilities:

- Deliver Robust Automation Framework Solution in Java using TestNG, Java
- Add support for API automation
- Deliver Quality Selenium Scripts in tight timeline.
- Identifying Defects and Reporting them to either the dev or manual QA Team.
- Implement optimizations to reduce execution time and improve accuracy.
- Develop Exhaustive functional scripts on a N-1 Sprint basis.
- Lead Team towards the goal of providing complete automation coverage
- Implemented pagination and Store Proc changes to Automation Framework UI code to avoid bottlenecks
- Tracked effort tracker for the project and in turn prepared metrics for the project and shared the same with the client
- Maintaining manual test cases and automation scripts Updating Framework functions when needed

#### Senior Automation Engineer

2018 - 2020 May

HCL Technologies

Client :Commonwealth Bank of Australia

Commonwealth Bank of Australia is the leading provider of banking services in Australia for Businesses and common customers. CBA aims to deliver a seamless banking experience with utmost customer satisfaction.

**Key Tools Used :** C#, Selenium, SpecFlow, RestAPI Automation, Postman

Project: Calendaring 3.0

#### Project Description:

Calendaring aims to provide a seamless lender/branch calendar facilities that will work in-sync with a customer's calendar who has an appointment with a lender/branch or any other entity representing CBA for loans/Accounts.

Team Size:6

#### Key Responsibilities:

- Developing Automation framework on C#, Selenium, Specflow, Singleton Design Pattern
- Made multiple Proof-Of-Concepts using multiple tools and presented it to the client and received big round of appreciation.
- Developed a hybrid framework consisting of Keyword Driven, Data Driven framework components.
- Added a fail safe API to execute if the automation tests fail through traditional approaches.
- Made Image based automation testing capabilities possible with a very cost effective approach.
- Take up development tasks to help developers on a need basis by working on Application code fixes/changes.

### Skills

#### Automation Tools

Selenium, RestAssured, RestAPI, BDD, XboXAutomation, TVE Automation, PostMan, TestNG, WebService Automation, Sikuli, StromTest, Image based automation, Specflow, Cucumber, Self - Healing Automation, Postman

#### CLI/Build management Tools:

Jenkins(Beginner), Maven

#### Programming Languages

C#, Ruby, Python, Java

#### Frameworks:

Keyword Driven, Data Driven, Behavior/Business driven(Cucumber/Specflow)

#### Data-Connectivity:

Apache POI, JXL , ExcelReader

#### Database Automation:

JDBC, OJDBC

**Test Management Tools:** HP ALM/QC, VersionOne, JIRA

#### Business Analysis Tools

Microsoft Office (Word, Excel, Outlook, PowerPoint, Visio)

SQL and relational database management systems

Agile software development methodology

VersionOne(For Story/Requirement Management)

SoapUI(Web Service Management)

- Worked on developing .NET APIs from scratch.
- Lead Automation QAs by helping them resolve issues both on a technical/managerial level.
- Tracked effort tracker for the project and in turn prepared metrics for the project and shared the same with the client
- Updating Framework functions when needed
- Execution of test scripts using Selenium, SpecFlow, NUnit

## Automation Test Engineer

2017 - 2018 Jan

### BETSOL India

**Client : Charter Communications USA**

Charter Communications, Inc. is an American telecommunications company that offers its services to consumers and businesses under the branding of Spectrum, Its second only to comcast.

**Tools Used: Sikuli, Image based automation, Python, Ruby, Cucumber**

### Project: TVE/XBox/Firestick Automation

Project Description:

Tv-Everywhere is a new sensational technology that enables the content providers to let their customers stream the content such as VOD/Live TV on the go with the help of their provider credentials.

The purpose of this project is to test TVE over multiple platforms like Amazon FireStick, XBOX, Mobile Phones

**Team Size:7**

**Key Responsibilities:**

- Developed a hybrid framework consisting of Keyword Driven, Data Driven framework in Ruby.
- Defect Tracking and Reporting
- Maintaining manual test cases and automation scripts
- Updating Framework functions when needed
- Execution of test scripts using Selenium
- Made a Proof-Of-Concept using multiple tools and presented it to the client
- Developed a solution that is scalable across multiple platform and devices.
- Made Image based automation testing capabilities possible with a very cost effective approach.
- Analyzing the flows and designing the solution
- Tracked effort tracker for the project and in turn prepared metrics for the project and shared the same with the client

## Automation Engineer

2014-12 - 2016-12

### Cognizant Solutions

**Project: HCP Directory 2.0**

**Project Description:** Directory is a part of the myCigna Application/Portal which acts as a search engine to enable the registered/potential customers to search for HCPs at their location.

**Tools Used: Selenium, Java, TestNG, GIT, Cucumber**

**Team Size:9**

**Key Responsibilities:**

- Developed API/UI Automation Test Scripts in Java
- Maintaining manual test cases and automation scripts.
- Understanding business requirements Updating Framework functions when needed.
- Execution of test scripts using Selenium
- Reviewing the Test Reports and Preparing Test Summary Report
- Performed functional, compatibility and regression testing, sanity testing
- Participated in identifying the Test scenarios and designing the Test cases

- Prepared and Executed Test Cases as per System Requirements
- Prepared and Executed test scripts using Selenium
- Performed various black box testing Methodologies Like functional testing and Regression Testing
- Defect Tracking and Reporting

Junior Tester

2013-08 - 2014-12

Tech Mahindra

Project: BT SCM

**Project Description:** BT SCM is an in house SCM that provides an online store for BT employees, It provides an extensive solutions from booking to shipment both on a customer/warehouse perspective.

**Tools Used:** HP ALM, Java, Selenium

**Team Size:** 7

**Key Responsibilities:**

- Execution of test scripts using Selenium
- Maintaining manual test cases and automation scripts.
- Defect Tracking and Reporting
- Understanding business requirements and updating the test suite as needed
- Performed functional, compatibility, regression testing and sanity testing
- Participated in identifying the Test scenarios and designing the Test cases
- Prepared and Executed Test Cases as per System Requirements
- Performed various black box testing Methodologies Like functional testing and Regression Testing
- Tracked effort tracker for the project and in turn prepared metrics for the project and shared the same with the client

## Education

Masters in Computer Application

2015 - Pursuing

Bharatiyar University

Currently pursuing

Bachelors degree in Computer Science

2010 - 2013

Kongunadu College of Arts and Science

Affiliated to Bharatiyar University