

## Atul Bharadwaj

E-Mail: atulmysuru@gmail.com

Phone: +91-8971767976

An **enthusiastic & high energy driven** professional, targeting challenging assignments with a reputed organization

### Profile Summary

- A focused professional with zeal to make a winning career in Automation Testing/Quality Assurance, currently associated with ECOLAB Digital Centre
- Over 4 years of experience in Web (Manual & Automation), API Testing and Mobile Automation (Android) and basics of performance testing
- Determined operational feasibility by defining the problem, analyzing requirements and assessing proposed solutions
- Proficient in developing Test Automation Frameworks from scratch using various programming languages like Java and Python
- Creating, modifying, executing & enhancing Automation scripts using Java in different environments.
- Proficient in developing Test Automation Frameworks using Selenium WebDriver and designing Test Cases Using BDD Cucumber, PyTest, Robot Framework, JUnit and TESTNG
- Writing and executing scripts for Web, REST Assured and for Mobile Automation
- Good Exposure on Jenkins, Version Control tools like Github and BitBucket and executing automation scripts on cloud devices
- Gathered and analyzed data in support of business cases, wrote test plans and scripts for tracking defects and fixes in software application development and information systems
- Gained exposure in developing and maintaining overall test methodology and strategy, documenting test plans, test cases and editing, executing tests cases using manual, analyzed user requirements and technical specifications

### CORE COMPETENCIES

~Software Testing

~Java with Selenium

~Python with Selenium

~API Automation (REST Assured)

~Automation Testing

~BDD Cucumber

~Mobile Automation (Appium)

~PyTest Framework

~Test Execution

~CI with Jenkins

~Robot Framework

~Performance Testing

### IT SKILLS

#### Automation Skills

Testing	- Web Automaton Testing, API Automation (REST) and Mobile Automation Testing
Automation Tool/API	- Selenium WebDriver, Cinnamon, Postman and Sikuli
Performance Testing Tool	- Jemter
Reporting Tool	- Donut, TestNG, ReportNG and Maven Surefire
Frameworks Used	- BDD Cucumber, PyTest, Robot Framework, Protractor, TestNG, Data Driven and POM
CI Tool	- Apache Maven, Jenkins, JIRA and WIKI
Operating Systems	- Windows Family
Languages	- CORE JAVA, Python and Javascript
Version Control tool	- Github and Bitbucket
Utilities Used	- PDFBox, Itext, Google Diff Patch, Gson, Google Guice, REST Assured and Apache POI
IDE	- Eclipse and IntelliJ

#### Database & Manual Skills

Testing	- Database Management Testing, Web Testing and Mobile Testing
ETL Tool	- SSIS
Databases	- Oracle and MS SQL Server

Defect Reporting Tool - JIRA and Redmine  
Operating Systems - Windows Family (Web) and Android

## WORK EXPERIENCE

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- Currently working in Ecolab Digital Centre as Automation Test Engineer from October 2019 to till date
- Worked as Automation Test Engineer in NTT Data Pvt Ltd, Bengaluru, since August 2018 to September 2019
- Worked as a Test Engineer in Indegene Pvt Ltd, Bengaluru from February 2017 to August 2018
- Worked as an Associate System Engineer (Testing) in IBM India Pvt Ltd, Bengaluru from August 2012 to July 2013

## PROJECT PROFILE

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**Title** : EVA (Ecolab Virtual Assistant)  
**Client** : Ecolab  
**Organization** : Ecolab Digital Centre.  
**Duration** : 2019 Oct to till date

### Technology

**Platform** : Web and Mobile Based Application  
**Tools** : Selenium, Appium, Jmeter, BDD Cucumber, Azure Devops

**Description:** Ecolab Virtual Assistant (EVA) is a chatbot which allows authorized users to get information across multiple business areas like ServiceNow (IT) related queries, Order status, Onboarding help and Q&A's related to organization. Users can get the information they are seeking instantaneously by conversing with EVA instead of searching or browsing. This is a new application built using Type Script with Table storage and Cosmos DB in the backend

### Roles and Responsibility:

- Gathered requirement through Kick-off meetings
- Provided best application to clients; reviewed functional requirement specification
- Worked in Automation Environment Setup using Eclipse, Java, Maven, Selenium WebDriver and TestNG
- Developing Automation Framework from scratch across web and mobile platforms
- Designed test cases using Selenium WebDriver and TestNG
- Executed selenium test cases and manual test cases and reporting defects in JIRA or Redmine
- Managed Regression Testing by the use of Selenium
- Prepared weekly and monthly test status reports
- Created Test Estimation Report. Sent across the stakeholder teams for their approval
- Prepared Test Plans, designed, reviewed and executed Test cases

**Title** : Everything Everywhere  
**Client** : British telecom  
**Organization** : NTT DATA Pvt Ltd.  
**Duration** : 2018 Aug to Till Date

### Technology

**Platform** : Web Based Application  
**Tools** : Bitbucket, Github, Selenium with Python, Appium, Rest Assured, PyTest

**Description:** Everything Everywhere is a Web based application. The application is related to shopping application like Flipkart . The application is based on HTML, css3, JavaScript, jQuery, Java ,AEM and Hybris Application. The goal of this project is to deliver high quality shopping experience to Customers . Authorised user can access the hynris tool and upload the new devices in market so that the devices reflect on front end application. The project includes testing full product suites, identifying problems & resolving them with the development team.

Web URL: <https://ee.co.uk/>

### **Roles and Responsibility:**

- Gathered requirement through Kick-off meetings
- Provided best application to clients; reviewed functional requirement specification
- Worked in Automation Environment Setup using Eclipse, Java, Maven, Selenium WebDriver and Cinnamon
- Designed test cases using Selenium WebDriver with Python and PyTest
- Conducted enhancement of the Test Scripts for global execution
- Executed selenium test cases and manual test cases and reporting defects in JIRA or Redmine
- Managed Regression Testing by the use of Selenium
- Prepared weekly and monthly test status reports
- Created Test Estimation Report. Sent across the stakeholder teams for their approval
- Prepared Test Plans, designed, reviewed and executed Test cases

**Title** : GSK Connect  
**Client** : GSK  
**Organization** : Indegene Pvt Ltd.  
**Duration** : 2017 Feb to 2018 May

### **Technology**

**Platform** : Web and Mobile Based Application  
**Tools** : SVN, Redmine, Selenium, Appium, Robot Framework and Sikuli

**Description:** GSK Connect is a Web based application. The application is related to Project management. The application is based on HTML, css3, JavaScript, jQuery, C# language. The goal of this project is to make the entire process easy and adoptable and allows leads and account managers to maintain the day to day activities. Authorised user can access the tool and update the status of projects. Multiple user can access the same or different product at the same time. The project includes testing full product suites, identifying problems & resolving them with the development team.

### **Roles and Responsibility:**

- Gathered requirement through Kick-off meetings
- Provided best application to clients; reviewed functional requirement specification
- Worked in developing automation framework using Python with selenium with Robot Framework
- Conducted enhancement of the Test Scripts for global execution
- Executed selenium test cases and manual test cases and reporting defects in JIRA or Redmine
- Managed Regression Testing by the use of Selenium
- Prepared weekly and monthly test status reports
- Created Test Estimation Report. Sent across the stakeholder teams for their approval

Prepared Test Plans, designed, reviewed and executed Test cases

**Title** : PCL (Premium Credit Limited)  
**Client** : PCL (Premium Credit Limited)  
**Duration** : 2013 Sep to 2014 July  
**Organization** : IBM India Pvt Ltd

### **Technology:**

**Platform** : WebBased  
**Tools** : SSIS, MS SQL Server and JIRA.

**Description:** PCL is a Web based application used by internal PCL team to carry out their daily operation. The application is currently running on Mainframes and company wanted to move to MVN .Net. The goal of this project is to migrate the application from Mainframes to .Net which involved developing a new Front End and Back End system. Back End system involved migrating Flat file data to RDBMS.

**Roles and Responsibilities:**

- Gathered requirement through weekly standup meetings
- Managed the development and execution of manual and automated test scripts and procedures; maintained a high degree of functional expertise on target systems
- Ensuring the delivery of quality product releases on schedule using risk analysis and defect containment practices, test automation, and continuous improvement initiatives
- Involved in writing SQL queries in SSIS tool to migrate data from Flat File to RDBMS
- Testing the migrated data by comparing with flat file
- Accurately monitoring and recording results in test documentation
- Improved process & developed criteria to eliminate transients on testers & programs to ensure software application quality

**ACADEMIC DETAILS**

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- Master Degree in Computer Applications in Industrial Drives from M.S Ramaiah Institute of Technology Bangalore in 2016, CGPA – 8.2
- B.E. from SJCE, Mysore in 2012, CGPA- 8.87
- 12th from Marimallappa PU College, Mysore in 2008, 71%
- 10th from Vidhya Vardhaka, Mysore in 2006, 85.6%

**PERSONAL DETAILS**

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- Date of Birth : 25<sup>th</sup> February, 1991
- Languages Known : English and Kannada

Declaration:

I hereby declare that the above furnished information is true to the best of my knowledge and belief.

**Atul Bharadwaj**