

Arun SadhananthamMuthusamy

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Summary of Experience

- Experienced IT professional with over 16+ years of experience in Software Application Testing.
- Strong expertise in Automation testing for **Web**, **Mobile** and **API** applications performing various kinds of testing like **Functional**, **Regression**, Sanity and Smoke testing.
- Experience in analyzing business requirements documents, defining Test strategy, Test Plans, Test case and execution, developing and automation test scripts and other SQA documentation.
- Participating full facing **AGILE** methodologies with SCRUM meetings, Sprint Planning, Sprint Execution, Sprint Demo, Sprint Retrospective and Release.
- Proficient in Automation testing with tools such as **Selenium WebDriver/Grid**, **Appium**, **Katalon TestNG**, **Maven**, **GIT**, **Jenkins**, **Cucumber**, **JIRA**, **RestAssured**.
- Hands-on experience in **Page Object Model (POM)** with **Page Factory** in selenium using **JAVA**.
- Adept in using Continuous integration tools like **Jenkins**.
- Performed POC on cloud based continuous integration tools such as **AWS** device farm, Sauce labs and **Perfecto**.
- Performed **Functional**, **Regression**, **Integration**, **Database**, **Smoke**, **GUI testing**, **Release testing**, **Web testing**, **User Acceptance testing (UAT)** & **Data verification/validation testing**.
- Quick Learner and adapt quickly to any new situation/changes and work proactively towards meeting deadlines in my forte.
- Extensive experience in managing, working with and leading onsite, offsite and overseas teams, preparing and running calls and meetings.

Technical Skills

Automation Framework	Page Object Model, Data Driven, Keyword Driven, Cucumber BDD
Database	SQL Server, Oracle 10g, MongoDB
Operating System	Windows, Mac OS, Unix, Android & iOS
Programming Languages	JAVA, HTML
Project Management Tools	HP ALM, Rally, JIRA, TestRails
Test Automation Tools	Selenium Webdriver, Selenium Grid, TestNG, Appium, RestAssures API, Katalon Studio, SeeTest & Perfecto
Other Tools	GIT, Maven and Jenkins for CD/CI

Certifications

AWS Certified Cloud Practitioner - 2020 to 2023

Education

Bachelor of Engineering in Computer Science from University of Madras, India June 2003.

Professional Experience

AT&T, TX

Apr' 21 to Present

QA Test Engineer

- Developed Katalon **BDD** **cucumber** framework for web browser testing, leveraged the existing framework to integrate with Kobiton **mobile** cloud for **mobile** device testing.
- Responsible for creating and maintaining End-to-End automated scripts across AT&T support pages.
- Implemented CI with Katalon TestOps for scheduling remote executions on local machines.
- Developed reusable generic application functions using Java, these functions can be used anywhere in the test scripts.
- Create and maintain page object repository for all the pages under test with xpaths/id/css/name/class.
- Responsible for regression testing deliverables to support bi-weekly releases.
- Test reports are configured in TestOps to generate after every test suite execution.
- Review test cases and automated test scripts created by other team members to ensure that framework standards are followed and for test coverage before merging the code to release branches.

Environment: **Cucumber** **BDD**, Gherkin, Selenium, Appium, Katalon studio 7.9.1, Kobiton, Groovy, JAVA, JIRA, iTrack, Maven, Agile, Confluence.

Verizon, (NJ, TX & Remote)

Sept'20 to Apr' 21

Test Automation Engineer

Nov'19 to Mar'20

May'16 to Nov'18

- Responsible for end-to-end automation testing of “point of sale” POS applications for both **Mobile** and Web which involves cross-browser, compatibility, functional, regression testing.
- Part of Design and Development of the Automation framework using Hybrid approach and Page Object Model pattern.
- Utilized Java, Selenium, Appium, TestNG and MongoDB for developing the framework and scripts.
- Implemented well-formatted logs by using API's like Log4j, SLF4j.
- Configured Grid-Node for real iOS Devices and **AWS** instances using Selenium Grid.
- Working with CI/CD pipelines using Jenkins/Maven/Git.
- Used log analytics tools like Kibana to understand the issues reported in automation and integrated it with reporting tools.
- Used JIRA for detailed defects and report tracking metrics.
- Coordinate with broader Quality Assurance teams across the software and system group.

Environment: Java, Selenium, Appium, Selenium Grid, RestAssured API, **Cucumber**, **BDD**, Gherkins, Postman, JIRA, MongoDB, Maven, GIT, Jenkins, Splunk, Agile.

MoneyGram International, TX

Mar'20 to Aug'20

Senior Quality Assurance Engineer

- Responsible for development and maintenance of test **mobile** automation Katalon frameworks and development and execution of test scripts.
- Responsible for creating and maintaining End-to-End automated scripts across products and assisting in implementing automation best practices and tools, including acquiring relevant domain expertise and proficiency.
- Developed reusable Generic and Application functions using Java. These functions can be used anywhere in the test scripts.
- Responsible for creating automation testing and coding standards.
- Responsible for regression testing deliverables to support Monthly releases.
- Review Test Cases and Automated Test Scripts created by other team members to ensure that framework standards are followed and for test coverage before merging the code to release branches.
- Coordinating and managing onshore and offshore regression team on Web and API automation.

Environment: Selenium, Appium, Katalon studio, RestAssured API, JAVA, TestRails, Maven.

JPMorgan & Chase, Columbus OH

Dec'18 to Oct'19

Software Development Engineer in Test

- Follow Iterative Agile Development methodologies (Scaled Agile Framework) with daily scrum for the application development. Participate regularly in bi-weekly sprint planning, Sprint review / retrospective, walk through, bi-monthly PI Planning and review meetings with the development team, business analysts, scrum master, product owner, product manager, project manager.
- Analyze user stories assigned in JIRA, task out, estimate task hours and log in progress accordingly, create necessary documentation in Confluence
- Create and review integration & regression test scripts and applications to manage and test the various functionalities of builds
- Experience with development on test automation tools/frameworks (E.g. **Cucumber**/Gherkins, Selenium, SOAP UI, JIRA, etc.)
- Prepare feature file for **Cucumber** ATDD framework and create step definitions and create runner file to run the **Cucumber** features.
- Developed test code in JAVA using Eclipse and TestNG framework. Worked on **Cucumber** and to write an acceptance test for the UI.
- Used **Cucumber** for regression testing and functional testing with selenium as primary tool to the Test Scenarios, Test cases and Test conditions identified.
- Performed extensive Cross Browser Compatibility Testing on various web browsers like IE, FF, Safari & Chrome.
- Tested compatibility of application for dynamic and static content under various cross browsers using ID, XPATH, CSS in Selenium.
- Involved in API testing using Postman for validating the request and response.
- Build and consume web services, Rest APIs, implement TDD / **BDD**, coordinate SIT / UAT with **QA** team, involve in PROD deployment and post PROD maintenance / enhancement activities
- Perform test data analysis, condition data and convert data into meaningful information that helps in making test data management.
- Collaborate with product team, development team and backend teams to plan, test and release high-quality features in the application.
- Used Maven as the build tool, GIT for version control, Jenkins for Continuous Integration and JIRA for defect tracking tools.

Environment: Java, Selenium, Appium, RestAssured, Postman, **Cucumber, **BDD**, Gherkins, JIRA, GIT, Maven, Jenkins, Kibana, Agile, Eclipse.**

TechMahindra, India

Oct'06 to Jan'16

Test Lead

- Engaged in Customer contract renewal to prepare the service catalog for Mobility testing with complexity matrix and to come-up with the pricing model.
- Worked with a cross functional team on defining the metrics for mobility service during contract engagement.
- Worked with the Mobility Competency team and Finance team to calculate the EBITDA for contract engagement.
- After receiving a call off, allocate resources based on the test assessment and ensure that the project is created in ALM.
- Experience in defining test strategy, test Plans, Test case and execution, developing and automation test scripts and other SQA documentation.
- Participate in sprint planning for identifying test tasks within the sprint based on the definition of done (DoD).

- Participate in product backlog grooming to understand the upcoming backlog items
- Review daily test progress reports, Sprint execution status report and Automation status report.
- Worked on Agile approach which focuses on delivering valuable business features in short development iterations of 2 to 4 weeks.
- Design, developed and implemented Keyword Driven, Data Driven and Hybrid Driven automation testing framework utilizing Java, Test-NG, Selenium Web-Driver and Appium.
- Created functions for different selenium locator types. Implemented TestNG automation framework for Smoke Test to ascertain that the crucial functions of the application work and also implemented Regression Test to detect bugs after enhancement and configuration settings of the code.
- Developed automation test cases, executed these test scripts from the test lab and logged defects in ALM.
- Used Several TestNG Annotations to take advantage of the test lifecycle.
- Configured Appium with Android SDK and iOS Xcode, Selenium Web Driver, Test-NG, Jenkins tool and created Selenium automation scripts in java using Test-NG prior to next quarter release.
- Involved in preparing test cases using Selenium Web driver to validate all UI components, Pop Ups, Browser navigations, Mouse Movements.
- Performed functional testing to identify various critical points in the application and automated it by using Selenium Web-Driver with Test-NG.
- Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities of the application using Selenium.
- Validating product price, offers, discounts, banners coming from different backend systems are reflected in the product detail page, Add to cart page, billing page etc.
- Reported defects to the developer and discussed the issues in weekly status meetings.
- Coordinate with the automation team for script execution and for continuous integration.
- Manual testing salesforce **mobile** offline application to connect to salesforce.com and to verify that the information seen is consistent with the configuration made in the application.

Environment: Adobe CQ5, SFDC, SAS, Hybris platform, Eloqua, SAP, Rally, HP-ALM, Selenium & Appium, iOS – iPhone 5/5s, iPhone 6/6+, iPad Mini, iPad 4, iPad Air, Android OS – Samsung Galaxy S3/S4/S5, Samsung Galaxy.

Connectiva Systems Ltd, India

Oct'05 - Sept '06

Client: BHARTI Airtel, Delhi, India

Test Analyst

- Performed Manual Testing and automation testing using QTP.
- Involved in Functionality, System and Regression testing of the application.
- Created Test Strategy for User Acceptance Testing (UAT) after reviewing Use Cases.
- Create Test cases and execute for ETL jobs from source to target files.
- Tested applications Graphical User Interface (GUI) and reports as front-end and verified through Data verification of back end database using SQL Queries.
- Used SQL queries to query Oracle database to test the Referential Integrity of the database.
- Performed verification and validation of the application ensuring smooth functionality of the reports and CDR's.
- Monitored and scheduled all jobs of ETL, MCS, and Intec in TIVOLI to analyze revenue chain for telecom operators in terms of counts, volumes & reconciliation via One Review Front End (connectiva's product).

Environment: JAVA, Perl, PL/SQL, Shell, DataStage 7.5, Eclipse, Business Object, AIX 5.x, GFORGE, TIVOLI 1.3, Oracle 9i, DB2 8.0 and One Review.

Arun SadhananthamMuthuSamy

- Plano, TX, US

Contact Information

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- 7327050451

Summary

Creating framework and Implementing right-fit test automation approach for an Agile CICD environment to enable speed-to-market environment. Hands on experience in designing, creating, and maintaining framework for web, **mobile** & restful services leveraging object oriented language Java with Selenium WebDriver, Selenium Grid, Appium, RestAssured, TestNG, POM with PageFactory, Data Driven, Maven, **BDD Cucumber**, GIT, JIRA, Zephyr MongoDB and Jenkins.

Work History

Total Work Experience: 19 years

- **QA Test Engineer AT&T**
Apr 01, 2021
- **Test Automation Engineer Verizon**
Sep 01, 2020
- **Senior Quality Assurance Engineer Moneygram International**
Mar 01, 2020
- **Test Automation Engineer Verizon**
Oct 01, 2019
- **Software Development Engineer In Test Jpmorgan Chase**
Dec 01, 2018

- **Mobile** Automation Engineer Verizon
May 01, 2016
- **Test Lead** Testmahindra
Dec 01, 2012
- **Onsite Test Lead** Techmahindra
Apr 01, 2011
- **System Integration Test Engineer** Techmahindra
Feb 01, 2009
- **Test Engineer/Lead** Techmahindra
Oct 01, 2006
- **Test Analyst** Connectiva Systems
Oct 01, 2005

Education

- **Bachelors** | Madras University

Skills

- big data testing
- gsm
- hadoop
- hbase
- hive
- integration
- management
- manual testing
- microsoft excel
- microsoft office
- microsoft word
- **mobile** application testing
- **mobile** testing
- oozie

- pig
- requirements analysis
- sdp
- selenium
- smsc short messaging service center
- spark
- sqoop
- test automation
- testing
- user acceptance testing
- vas
- vms
- qa testing - 14 years
- regression testing - 14 years
- android - 6 years
- apache maven - 6 years
- appium - 6 years
- automation testing - 6 years
- ios - 6 years
- java - 6 years
- jira - 6 years
- mobile application qa - 6 years
- selenium webdriver - 6 years
- testng - 6 years
- jenkins - 3 years
- restful - 2 years
- api qa - 1 years
- katalon studio
- testrails
- functional testing - 14 years
- test cases - 10 years
- agile - 6 years
- continuous integration - 3 years
- selenium grid - 3 years
- aws cloud - 1 years
- bdd - 1 years
- cucumber - 1 years
- gherkin - 1 years
- mongodb - 1 years
- splunk - 1 years
- acceptance testing - 7 years
- hp alm - 3 years
- test plans - 8 years
- qa management - 5 years
- sql - 4 years

Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: False
- Willing to Relocate: False
- Travel Preference: 25%
- Work Authorization:
 - US
- Work Documents:
 - Have H1 Visa
- Desired Hourly Rate: 85+ (USD)
- Desired Salary: 155,000+ (USD)
- Security Clearance: False
- Third Party: True
- Employment Type:
 - Contract - Corp-to-Corp
 - Contract to Hire - Corp-to-Corp

Profile Sources

- linkedin: <https://www.linkedin.com/in/arun-sadhananthammuthusamy-04275348>
- Dice:
<https://www.dice.com/employer/talent/profile/edc79511653ab95814df0469ec931c3d>