

SUGANDHAN R

Lead Automation Test Engineer

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Chennai



SUMMARY

Proactive and result driven QA Analyst with diversified work experience in Automation and Manual Testing on small to large scale projects.

- 6.7 years of Quality assurance experience in B2B products.
- As an SDET defining solutions for various projects across the organisation on test automation framework creation, productivity/process improvements & driving organisation - wide Quality Process initiatives, suggesting best practices, code reviews
- Expertise in Selenium automation using Selenium WebDriver ,Appium, TestNg ,Cucumber and Maven. Designed and implemented different automation frameworks from scratch i.e. Page Objects framework.
- Expertise in writing Selenium WebDriver automation scripts in JAVA. Expertise in Performing Mobile Testing for both ANDROID and IOS Devices.
- Expertise in developing own frameworks for Mobile automation for ANDROID using APPIUM Expertise in developing own frameworks for Mobile automation for IOS using APPIUM and XCODE
- Expertise in writing WebdriverIO automation scripts in JAVA SCRIPT Ability to Manage the Complete Automation phases from Initiating, Planning, Executing, Controlling, and Reporting.
- Enhancing the automation framework in order to optimize the code and increase the code coverage. Substantial experience of AGILE Methodologies and Scrum processes. Defect Reporting and Tracking using Automation Tools like JIRA.
- Performed complete stack of QA Testing: Functional, API Testing, WebApp (UI), System, Regression,Smoke, Exploratory and Cross – Browser testing.
- Good knowledge in all stages of SDLC & STLC.
- Good Knowledge in CI-CD tools like Jenkins and Watchpost with regression test against different branches and environments.
- Helped team members to understand the automation framework and mentored them to write the first automation scripts.
- Contributing in code reviews on the Pull requests to help peers to improve coding standard.

PROFESSIONAL EXPERIENCE

Automation Test Engineer

Tata Consultancy Services

08/2017 - 08/2022 Chennai

Project 1 : Woolworths (Web application)

- Tools Used Selenium Webdriver ,Jenkins ,Eclipse
- Environment Web Application
- Responsibilities Responsible for Designing and executing Test cases
- Responsible for writing scripts for modules assigned using Selenium Web driver and Java
- Responsible for developing and maintenance of test scripts
- Responsible for test all module API's and log issues
- Responsible for write and execute test cases for web based and client server applications and mobile applications
- Responsible for training people with respect to writing scripts using Selenium
- Team Size : 9

Project 2 : Marks and Spencers UK (Web-application, Mobile App)

- Tools Used Selenium Webdriver, Webdriver IO, Appium ,xcode, Android Studio
 - Environment Web Application, Mobile Application
 - Responsibilities Responsible for all QA activities from Test Plan to Automation Coverage at each sprints in a scrum team
 - Responsible to automate test cases before the end of every sprints to provide test coverage of user requirements Configured Jenkins to run the smoke suite on each PR as well as on-demand/scheduled full automation regression against different branches/environments
 - Helping the team by enhancing framework to automate test scenarios seamlessly
 - Created a framework for Mobile automation for both Android and IOS
 - Transitioned our Manual QA team to start writing automation by providing training sessions/workshops
 - Monitoring Regression on the product on a daily basis
 - Working closely with management team to improve QA process across company
 - Started the work of owning QA-OPS infrastructure to enhance and maintenance job
 - Initialized and started the Exploratory testing at end of every sprints using session – based approach
 - Developed own framework in Webdriver IO for my entire team using node js and javascript
 - Team Size : 14
- Creation of Automation Test Framework using Selenium Webdriver , Webdriver IO for both web and mobile based applications

PROFESSIONAL EXPERIENCE

Lead Automation Test Engineer

Citi

08/2022 - Present Chennai

Projects / Domains : Payments & Grow

- Led payments and grow domain testing team in APAC region
 - Created automation CICD framework and implemented it on entire project
 - Integrated perfecto devices for mobile automation
 - Created in- built utility tool using java for automatic test cases creation
 - Created web page utility using angular js to extract test data for displaying with entire product level team with authorisation
 - Created and Monitored entire CICD process with QA sign of authorisation
 - Worked with Agile and Scrum methodologies to accomplish project milestones and meet demanding timelines.
 - Monitored project progress and quickly addressed problems to complete testing on schedule.
 - Checked software programs for usability, functionality and design issues.
 - Participated in code reviews to ensure adherence to coding best practices.
 - Managed a team of 8 testers in the execution of manual and automated tests.
- Developed project enhancement utility tools
 - Project management quality by leading 8 member team

EDUCATION

BTech - Information Technology

Sri Manakula vinayagar Engineering College

06/2013 - 05/2017 Puducherry, India

ACHIEVEMENTS



Implemented CICD using Jenkins

Developed CICD pipeline using Jenkins and Watchpost for implementing bug free end product , also I was acting as a admin for CICD monitoring and maintenance process



Created Selenium webdriver BDD Framework

Created a new framework in selenium webdriver using cucumber for initiating automation in our project .



Utility Tool implementation

Developed a inbuilt utility tool for automatic test cases generation using java



Developed Webpage Utility Tool

Created a website using angular js for developing a test data retrieval application for my entire project

SKILLS

Tools

Java	mySQL	Javascript	Selenium webdriver	Webdriver io	Angular js	Appium	Macha chai
Jasmin	Jenkins	Watchpost	Sauce lab	Perfecto	Xcode	Tool / Technology	

Operating Systems

Linux	Windows	Mac os
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LANGUAGES

English
Proficient



French
Intermediate



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Sugandhan R