SUDHARSAN SELVARAJ

Senior Software Development Engineer in Test

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SUMMARY

- Having 7+ years of experience in Test Automation working on Web-based Applications with strong QA skills in both **Automation** and **Manual Testing**.
- Strong passion for automation with the attitude of "**Everything can be automated**"
- Developed several **Hybrid**, **Page Object Model/Data-Driven frameworks** in both **Java** and **Node.js**.
- Strong understanding of Selenium Webdriver and Chrome Debugging protocol APIs.
- Strong working knowledge in creating robust **XPath** and **CSS selectors**.
- Worked on various AWS products for the deployment of applications and running test suites in cloud environments.
- Created multiple **Opensource libraries** to solve real-world problems with test automation

EDUCATION

PSG College of Technology
Bsc Computer Technology
2011-2014

SKILLS

- Selenium
- Protractor
- Java
- Javascript
- TestNg
- Jasmine
- Typescript
- Docker
- GIT
- AWS
- Rest API
- SQL
- Jenkins

EXPERIENCE

TEST ARCHITECT

Volvo cars india | Sep 2021 - present | Bangalore

SDET - WEB

Jumio | Mar 2021 - Sep 2021 | Bangalore

- As an individual contributor, working on creating web automation frameworks for webdriver.io tests.

TEST SENIOR ENGINEER

Dell technologies | 2020 - 2021 | Bangalore

- I was leading a team of automation engineers where I was primarily involved in creating and maintaining various test automation frameworks using Java and Nodejs and integrating them with CI/CD tools.

SENIOR AUTOMATION ENGINEER

Unifi software india pvt ltd | 2016 - 2020 | Bangalore

- Joined as a test engineer in the early stage of the startup and built the entire automation testing team
- The company was then acquired by Dell technologies in January 2020

PROGRAMMER TRAINEE

Cognizant Technology Solutions | 2014 - 2016 | Chennai

- Joined as a trainee and worked on manual and automation projects for several clients

PROJECTS

Chrome dino game bot

A simple automation script created using selenium to automate google chrome's dino game that pops up when the network is offline.

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https://github.com/sudharsan-selvaraj/chrome-dino-game-bot

Selenium SpaceX docking 🚀

Using web driver to automatically dock the SpaceX's dragon2 vehicle simulator to the international space station

https://github.com/sudharsan-selvaraj/selenium-spacex-docking

Selenium Rubik's cube solver 🧩

Solve web-based Rubik's cube application using webdriver

https://github.com/sudharsan-selvaraj/selenium-rubiks-cube-solver

Selenium piano player 🎹

Selenium Automation script to play songs on online piano.

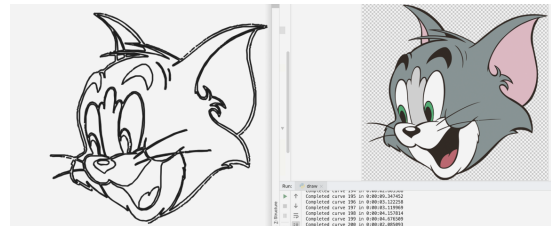https://github.com/sudharsan-selvaraj/selenium-piano-player

Selenium image sketching

No need to hire an artist to sketch an image. All we need is a webdriver script and an image we would like to sketch

https://github.com/sudharsan-selvaraj/selenium-image-sketch

Webdriver live commentary 🎤

Adds a little 🇫🇺🇳 to selenium test execution by speaking out all webdriver/webelement actions performed in the tests

https://github.com/sudharsan-selvaraj/selenium-audio-logger

LIBRARIES

Spydriver

Lightweight utility to intercept webdriver and webelement method calls. Supports both Selenium and Appium drivers

https://github.com/sudharsan-selvaraj/spydriver

WOW-XHR

Library to manipulate HTTP requests/responses and capture network logs made by the browser using selenium tests without using any proxies

https://github.com/sudharsan-selvaraj/wow-xhr

react-webdriver

Helps to locate web elements in REACT app using components, props and states from Selenium java tests

https://github.com/sudharsan-selvaraj/react-webdriver

selenium-auto-wait

Utility to automatically manage all web element waits and enables to write wait-free selenium tests.

https://github.com/sudharsan-selvaraj/selenium-auto-wait

webdriver-repl

CLI tool to debug web driver methods using   command line REPL debugger.

https://github.com/sudharsan-selvaraj/webdriver-repl

selenium.sh

Selenium web driver bindings for the shell script   . Browser automation made possible with bash now.

https://github.com/sudharsan-selvaraj/selenium.sh