SRI HARI KRISHNAN R

TEST AUTOMATION ENGINEER

Details

8072810557

sriharikrishnan.r10@gmail.com

Links

LinkedIn

Github

Skills

Java

Selenium

Python

JavaScript

Cucumber

Jenkins

Angular

TestNG

Playwright

SQL

Profile

SDET Engineer with 2+ years of experience building scalable test automation frameworks. Skilled in Selenium, Playwright, TestNG, Rest Assured, and Docker with hands-on expertise in framework design, CI/CD integration, and cross-browser testing. Adept at collaborating in Agile teams and exploring Agentic AI driven solutions to improve test efficiency and reliability.

Employment History

Lead SDET, Tata Consultancy Services

OCT 2024 — PRESENT

Test Automation Modernization Program - Equitable(USA)

- Architected a scalable Selenium + TestNG framework with Maven and Jenkins for CI/CD reducing release cycle times by 40%.
- Led the migration from Selenium to Playwright, improving execution speed by 60% and reducing flakiness.
- Improved test coverage by 40% and increased defect detection rates through automation and CI/CD pipeline practices.
- Dockerized framework with Selenium Grid for parallel execution across multiple browsers and BrowserStack cloud.
- Mentored juniors on automation design patterns, Jenkins pipelines and Playwright.

Key Technologies: Java, Javascript, Playwright, Github Actions, Jenkins, TestNG, Cucumber BDD, Docker.

Enterprise Test Automation Framework Development - Equitable(USA)

- Developed and maintained automated test scripts using Selenium WebDriver, Java, and TestNG for multiple insurance applications.
- Executed automated regression suites, identifying and reporting defects via Jira.
- Automated 200+ test cases across UI & API, reducing manual effort by 30%.

Key Technologies: Java, Selenium, TestNG, Cucumber BDD, RestAssured

Education

BE in Computer Science and Engineering, Saveetha Engineering College

AUG 2019 — APR 2023

Graduated with First class and Distinction. CGPA - 8.9

Courses & Certifications

ISTQB Certified Core Tester Foundation Level (CTFL), Chennai

SEP 2025

Microsoft Certified Azure Fundamentals, Chennai

MAY 2024

Projects

Agentic AI Test Automation

MAY 2025 — JUN 2025

Built an AI-driven system that converts natural language prompts into executable UI test cases boosting productivity and reducing maintenance effort.

Tech stack: Python, MCP, Autogen Framework, GPT-4.0 LLM.