

Deepak Mahalingam

QA Automation Engineer

Result driven Senior SDET with 10+ years of experience across diverse automation tools and technologies. Committed to deliver high-quality solutions and seeking a role that challenges my expertise and enables me to support towards organization's success.

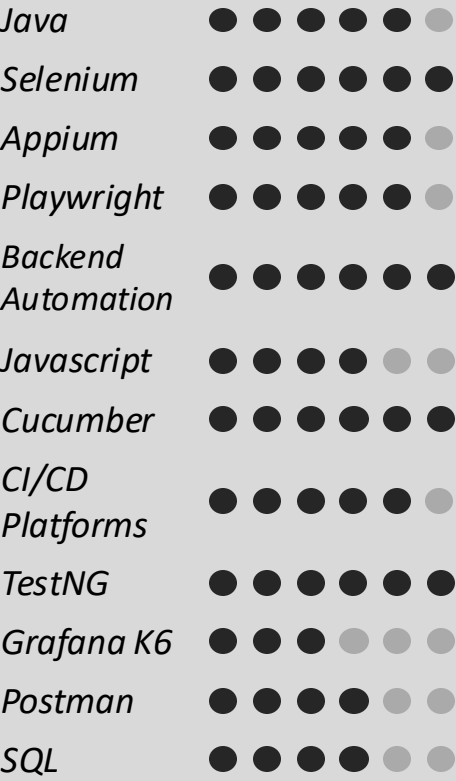
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<https://github.com/deepanmahalingam>

Key Technical Skills



Certification

ISTQB® Certified Tester,
Advanced Level - Test Manager

ISTQB® Certified Tester,
Foundation Level

Summary

- Developed scalable hybrid framework with **Java**, **TestNG**, **Selenium**, **Appium** and **Rest Assured**.
- Developed integration test strategies to validate **Kafka topics**, **Avro schemas**, and **SSEs**, ensuring real-time message consistency and data integrity across microservices.
- Designed and implemented robust **BDD framework** with **Junit**, **Cucumber** using **Gherkin** for writing readable and maintainable test scripts.
- Led the E2E migration of **Selenium** framework to **Playwright**, boosting test speed by 40% and reducing flaky tests by 30%.
- Expertise in real time **Mobile Testing** using **Appium** across platforms
- Implemented an effective CI/CD pipelines in **Github Actions**, **GitLab**, **Azure DevOps** and **Jenkins**.
- Extensive knowledge is using Defect Tracking tool like **JIRA**, **Azure Board**, **ALM QC** and collaboration tools like **Confluence** and **Miro Board**.
- Highly skilled in **Agile** and **DevOps** methodologies
- Delivered multiple **Proof of Concepts** (POCs) and **live demos** showcasing automation capabilities to prospective clients, contributing to successful client acquisition and project expansion.
- Spearheaded QA initiatives for enterprise-scale projects across diverse global teams.
- Expertise in **Smoke**, **Regression**, **Integration**, **Cross Browser** and **Compatibility Testing**.
- Involved in **mentoring** activities to junior QA's on automation best practices and tool usage.

Education and Career Timeline

