



Sasikumar Balasubramaniam

QA Automation Engineer

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PROFESSIONAL SUMMARY

Professional Summary

Results-driven QA Automation Engineer with 10 years of experience in software testing and quality assurance. Specialized in automation frameworks, testing strategies, and team collaboration. Expertise in Playwright (3 years) and Selenium with Java (4 years), alongside a strong foundation in manual and automated testing. Adept at delivering high-quality software products in Agile environments.

TECHNICAL SKILLS

- **Testing Tools:** Playwright, Selenium WebDriver, TestNG, Junit
- **Programming Languages:** Java, JavaScript, Python, PowerShell, PHP, HTML, CSS, jQuery
- **Frameworks:** Page Object Model (POM), Behavior-Driven Development (BDD) using Cucumber
- **Version Control:** Git, GitHub
- **CI/CD Tools:** Jenkins, Azure DevOps
- **Bug Tracking:** JIRA
- **Databases:** MySQL, SQL
- **Other Tools:** Postman, REST Assured

PROFESSIONAL EXPERIENCE

Senior Specialist QA Automation Engineer, *LTIMindtree*

09/2022 – present

Coimbatore, India

- Designed and implemented end-to-end automation frameworks using **Playwright** for web application testing, improving test coverage by 40%.
- Developed and maintained automated test scripts using **Selenium WebDriver** with **Java**, adhering to the **Page Object Model (POM)** design.
- Collaborated with cross-functional teams to integrate automated scripts into the CI/CD pipeline using **Azure DevOps** and **Git Actions**.
- Performed API testing using **Postman** and **REST Assured**, ensuring robust backend validation.
- Reduced regression testing time by 60% through the creation of reusable test components.

Specialist Automation Engineer, HCL Technologies

09/2016 – 09/2022

- Developed and maintained automated test scripts using **Selenium WebDriver** with **Java**, adhering to the **Page Object Model (POM)** design.
- Conducted functional, regression, and performance testing for large-scale enterprise applications.
- Utilized **JIRA** for defect tracking and participated in daily Agile stand-up meetings.
- Mentored junior QA engineers on automation practices and tools, increasing team efficiency.

Madurai, India

Programmer, The Chennai Silks Corp Office

11/2013 – 07/2016

- Understand the requirements and define the prerequisites hardware and software. Design tables in Database (Data layer) in MySQL, SQL.
- Design function (Application layer) using programming language PHP, CodeIgniter (Framework or MVC model). Design Front end (Presentation layer) using HTML, CSS, JavaScript, Ajax, jQuery.
- Frequently Manual testing – functional testing to check the stability and scalability

Tirupur, India

EDUCATION

Master of Science in Information Technology, Bharathiar University

2013

Coimbatore, India

CERTIFICATES

Selenium Java

- Certified Selenium Tester (CST)

KEY ACHIEVEMENTS

- Enhanced testing efficiency by implementing a reusable test framework, saving 100+ hours per release cycle.
- Successfully migrated 100+ manual test cases to automated scripts in under six months.
- Played a key role in reducing production defects by 30% through proactive test coverage.