



Sasikumar Balasubramaniyam

QA Automation Engineer

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PROFESSIONAL SUMMARY

Results-driven QA Automation Engineer with 12 years of experience in software testing and quality assurance. I specialize in automation frameworks, testing strategies, and team collaboration. Expertise in Playwright (5 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.

Programmer, The Chennai Silks Corp Office

11/2013 – 07/2016

- Understand the requirements and define the prerequisites of 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.