



VIGNESH G

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[LINKEDIN](#) | [GITHUB](#) | [PORTFOLIO](#)

Solution-Oriented and Result driven Senior QA Automation Engineer with 8+ years of experience in **Automation** and **Manual Testing** with a demonstrated history of working in the Information Technology and services Industry. Aiming to leverage my knowledge and experience by working in challenging projects.

ROLES AND RESPONSIBILITIES

- Created Automation Scripts for Web, Mobile and PWA based application using Selenium 4 , Playwright , Appium.
- Proficient in various Automation Frameworks such as **TestNG**, **Hybrid framework** (Data Driven, Page Object Model), **Playwright**, **Pytest**.
- Performed API testing using **Postman** and Automated using **Rest Assured**.
- Proven skills in Database Testing for MySql DB, Oracle DB , MongoDB with comprehensive testing through SQL queries ensuring data integrity and system robustness.
- Collaborated with development teams to integrate automated tests into CI/CD pipelines using **Jenkins**, **GitLab** enabling continuous testing and deployment.
- Strong knowledge in software test life cycle (STLC), Software development life cycle (SDLC) and Defect life cycle (DLC) models.
- Well versed in analysis of requirements, requirement gathering and impact analysis.
- Regularly ran Full Automation suite for every Release and performed root cause analysis of Failed Test scripts.
- Executed Basic Acceptance Test (BAT) , Smoke & regression suites after every build and publish the detailed reports with the bugs detected.
- Exposure to **Test Strategy** and **Test Plan**.
- Excellent Analytical, Communication, interpersonal skills and an excellent team player.

SKILLS

SKILLS	TOOLS
Automation Testing Tools	Selenium 4, Playwright, Appium (Intermediate), Tosca(Beginner)
Programming Languages	Java, Python, Javascript(Basics), Typescript
Framework	TestNG, Pytest, Cucumber, Hybrid Framework, Quantum Framework(Perfecto)
API	Postman, Rest Assured (Java) , SwaggerUI , Burp Suite , Request(Python)
Methodology	Agile (Kanban & Scrum), Waterfall
Project Management	JIRA, Confluence, Azure DevOps, TFS
Control versions	Git (Azure DevOps, Bitbucket, GitHub)
CI/CD	Jenkins, Azure Devops , Github Actions
Databases	NoSql Db, Oracle SQL, MongoDB, Dynamo Db, DBeaver
Build Automation	Maven
Infrastructure	Docker
Report	Extent, Allure and Portal IO
OS	Windows, MacOS, Rocky Linux
IDE	Eclipse, IntelliJ Idea, PyCharm
AWS Services	DynamoDB, S3 , Device Farm, Cloudwatch
RPA	Blueprism(Basics) , Power Automate(Basics)

CERTIFICATION

- ISTQB
- Certified Professional-Master Agile Testing (CP MAT)

EXPERIENCE

SDET

[Dec 2020 – PRESENT]

KOCH BUSINESS SOLUTION INDIA.

Framework: Hybrid Framework (Selenium 4 with Java) , Playwright (Java) , Pytest (Python) , Appium (Java).

Roles and Responsibilities:

- Adept at designing, implementing, and maintaining robust test automation frameworks to ensure the delivery of high-quality software products.
- Led the design, development, and maintenance of automated test frameworks using Selenium 4 and Java, resulting in a 40% reduction in Regression testing time and increased test coverage.
- Automated 300+ UI Test cases using 120+ Test flows with 80% Regression coverage.
- Created API Automation Framework using Rest Assured and Automated 90+ API Test cases for 78 Endpoints.
- Developed Microservice Automation for validating Integration between applications using Java, Jdbc (Mysql , Oracle) , RabbitMq , TDD approach.
- Proficient in designing and implementing comprehensive test strategies, executing test cases, and analyzing results to identify defects and areas for improvement
- Prepared Weekly Status Reports, Estimations, Test Strategy Plan, Test Execution Summary Report to all the stakeholders.
- Worked together with development teams to integrate automated tests into CI/CD pipelines using Jenkins and GitLab, enabling continuous testing and deployment.
- Integral part of KBSI Core QACoE Team and created Proof of Concept(PoC) using Playwright , Appium , Pytest.

TEST ENGINEER

[Dec 2019 – Dec 2020]

CGI.

Framework: Quantum Framework (Selenium with Java , Appium , BDD Cucumber, Qmetry , Jenkins, Maven, TestNG)

Roles and Responsibilities:

- Development of Regression, Functional and Smoke test scripts for CIBC's 3 Banking Applications with 65% coverage.
- Execute automation scripts on different browsers/environments and devices using Perfecto cloud.
- Analyse and Assign various tasks with the team members..
- Involved in Requirement Analysis, Test Script updation, Test Execution and Defect Management to closure.
- Prepared Weekly Status Reports, Estimations, Test Strategy Plan, Test Execution Summary Report to all the stakeholders.
- Running daily BAT in Jenkins for all web and mobile applications and report the Summary & investigation Notes to the respective QA teams.

SOFTWARE TEST ENGINEER

[Jan 2016 – Nov 2019]

LTIMindTree

Roles and Responsibilities:

- As a Project Lead, partnered with a team member to finalize user stories for sprints after discussions with the Stakeholders for Insurance Client [Mercer,USA].
- Developed estimation and Test Strategy for user stories in a specific release.
- Reviewed and tracked test cases using MAP, focusing on database and system testing.
- Executed functional and regression test cases.
- Developed UI Automation scripts using Java with Selenium 3 and Executed in SauceLabs .
- Scheduling Defect Prevention Logs meetings with projects within Mercers for tracking integration issues.

EDUCATION

BACHELOR OF TECHNOLOGY: MECHANICAL ENGINEERING
SMVEC, PONDICHERRY UNIVERSITY [8.87 GPA] .

[2011 - 2015]