KANNAN MUTHU MANICKAM

QA/TEST - AUTOMATION ENGINEER | SDET

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Professional Summary & Highlights

- ➢ A highly capable Technology Professional who enjoys synergies of proving concepts, teamwork/collaboration, has around **10+ Years of Software Testing experience as a QA - Test Automation Engineer (Full stack)** and is involved in various testing types like **FT, ST, SIT, E2E, UAT, API, DB, UX, CBT, Mobile/Desktop - Apps, Unit (Jest) & Contract**.
- ➢ Excellent creative and innovative problem-solving skills, analytical/logical thinking & never-settled attitude, having high confidence in self-motivating & self-learning the newer technologies towards career growth and Business improvements.
- ➢ Excellent communications with Scrum Master/Engineering Manager, Product Owner, Business Analyst, Tech Lead, and Developers for planning & delivering user stories based on Definition of Ready (**DOR**) & Definition of Done (**DOD**).
- ➢ **Key member** contribution in **3-Amigo's** sessions, all **Sprint ceremonies** like Daily Standup, Sprint Refinement & Poker, Sprint Planning, Sprint Review & Demo, Sprint Retrospective, Sprint – zero and received many Sprint Champion awards.
- ➢ Active participant in demoing the applications to the Key stakeholders and getting feedback for improvement.
- ➢ Expertise in building the Test Automation framework from Scratch depends on the Business Applications for testing the functionality via **UI, Mobile & API** using **Playwright, Cypress.io, WebDriverIO & Appium with JavaScript/TypeScript**.
- ➢ Expertise in writing easily maintainable test codes by following the standard coding structure and design pattern like **Page Object Modal (UI),** and reusable helper functions for connecting **API**, **DB**, and **AWS** for easy readability.
- ➢ Expertise in building the **CI/CD test pipelines** using **GitHub Actions** to run Sanity Test for every PR, Smoke test after deployment & scheduled cron-job for Regression test also sending the results to the team via **Slack** notifications.
- ➢ Very Good Knowledge in running Web/Mobile Tests using cloud platform tools like **Browser Stack and Sauce Labs.**
- ➢ Very Good in maintaining a large number of test repositories in **GitHub/Bitbucket** and code base.
- ➢ Very Good in running the automated tests via **Docker** container, if the **CI/CD** platform doesn't have proper infrastructure built.
- ➢ Very Good at reviewing peer member test automation code **PR** (pull request) and resolving code merge conflicts.
- ➢ Very Good at building the Test Automation framework using **Selenium WebDriver (Cucumber - Java and Specflow - C#).**
- ➢ Very Good at writing **BDD-based test scenarios**, **REST API** tests using **Postman** and **Webservices** tests using **SOAPUI.**
- ➢ Very Good at handling **JIRA**, **Confluence, and X-Ray** tools for documenting the testing related documents.
- ➢ Very Good knowledge in **SDLC, STLC** process and handling **Defect Triage** meet.
- ➢ Good knowledge in including **data-testid** attributes & able to fix minor UI(Frontend) bugs in src (**React.js/Next JS**).
- ➢ Good in mentoring the testing process and automation test techniques to Junior team members/Co-workers.
- ➢ Having a positive attitude in working under pressure/deadline and can have the ability to handle small QA teams.

Work Experience Summary

Organization	Client	Work Location	Designation/Role	Period
Matches Fashion Limited	Matches, UK	London, UK	**Senior Test Automation Engineer**	Mar 2020 -> Present
Publicis Sapient Limited	Nationwide, UK	Swindon, UK	**Test Automation Specialist**	Jan 2019 -> Feb 2020
Renault Nissan Technology	Renault, France	Chennai, India	**Senior Engineer – Test**	Oct 2017 -> Sep 2018
SQS India BFSI Limited	Hiscox, UK	Chennai, India	**Test Automation Engineer**	Oct 2016 -> Oct 2017
SQS BFSI UK Limited	Hiscox, UK	London, UK	**Test Automation Engineer**	Feb 2016 -> Oct 2016
SQS India BFSI Limited	Hiscox, UK	Chennai, India	**Junior Test Automation Engineer**	Jan 2014 -> Feb 2016

Technical Skills and Tools Worked

Automation Test Tools Web : **Playwright, Cypress, WebdriverIO & Selenium-Webdriver.**
Automation Test Tools Mobile : **WebDriverIO (Appium).**
Automation Test Development Languages : **JavaScript, TypeScript, Java, C#, and Python (Basics).**
Automation Test Framework Pattern : **BDD-Gherkin-Cucumber/Specflow - PageObjectModal, (describe-it)**
Automation Cloud Web & Mobile Testing tools : **Browser Stack, Sauce Labs.**
Automation Test Report Notification tools : **Slack, Microsoft Teams.**
API Testing Packages : **SuperTest, Newman, Axios, Rest-Assured & Rest-Sharp.**
API Testing Tools : **Postman (RESTful) & Soap UI (Web services).**
Continuous Integration Tool : **GitHub Actions, Jenkins & Atlassian Bamboo.**
Version Control & Source Code Repository : **GIT & GitHub & Atlassian Bitbucket.**
Databases Tools : **MongoDB, Microsoft SQL Server, Oracle & MySQL.**
Test Management Tool & Documentation : **Atlassian JIRA, Confluence.**
Test case repository Maintenance tool : **X-Ray & HP-ALM.**
Platform & Cloud Service : **Docker & AWS, Azure (Basics).**
Development IDE : **Microsoft - Visual Studio Code/Visual Studio, Idea IntelliJ & Eclipse.**
Operating System : **Mac, Windows and Linux for CI/CD.**

Business Domains Worked

- ➢ **E-Commerce** (Online Retail)
- ➢ **Banking** (Credit Card)
- ➢ **General Insurance** (Home & Business)
- ➢ **Logistics** (Supply Chain)

Educational Qualifications & Certifications

- ➢ Master of Computer Applications (**MCA**), Hindustan University, Chennai, India
- ➢ Bachelor of Science (**BSC**) in Mathematics, University of Madras, Chennai, India
- ➢ **ISTQB® Certified Tester**, Foundation Level, iSQI, GmbK, Germany