



KANNAN MUTHU MANICKAM

QA - TEST AUTOMATION ENGINEER | SDET

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Professional Summary

- 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 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, 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 & API** using **Playwright, WebDriver-IO & Cypress.io 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 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** and **REST API** tests using **Postman**.
- Very Good at handling **JIRA, Confluence, X-Ray** tools for documenting the test artifacts & test Process documents.
- Very Good knowledge in **SDLC, STLC** process and handling **Defect Triage** meet.
- Good knowledge in including data-testid's attribute & 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.

Experience Summary

Organization/Location	Designation/Role	Period
Matches Fashion Limited, London, United Kingdom	Senior Test Automation Engineer	Mar-2020 → Present
Publicis Sapient Limited (Nationwide.co.uk), London, UK	Test Automation Specialist	Jan-2019 → Feb-2020
Renault Nissan Technology Pvt Limited, Chennai, India	Senior Engineer – Test	Oct-2017 → Sep 2018
SQS India BFSI Limited, Chennai, India	QA - Test Automation Engineer	Oct-2016 → Oct-2017
SQS BFSI UK Limited (Hiscox.co.uk) London, UK	Test Automation Engineer	Feb-2016 → Oct-2016
SQS India BFSI Limited, Chennai, India	Junior Test Automation Engineer	Jan-2014 → Feb-2016

Technical Skills

Automation Test Tools	: Playwright/WebdriverIO/Cypress/Selenium-Webdriver & Appium(Basics)
Automation Test Development Languages	: JavaScript, TypeScript, Java, C#, and Python (Basics).
Automation Test Framework Pattern	: BDD-Gherkin-Cucumber/Specflow - Page Object Modal, Test(describe)
API Testing Packages	: SuperTest, Newman, Axios, Rest-Assured & Rest-Sharp.
API Testing Tools	: Postman (RESTful) & Soap UI.
Databases Tools	: MongoDB, Microsoft SQL Server, Oracle & MySQL.
Continuous Integration Tool	: GitHub Actions, Jenkins & Atlassian Bamboo.
Version Control & Source Code Repository	: GIT & GitHub & Atlassian Bitbucket.
Test Management Tool & Documentation	: Atlassian JIRA, Confluence, 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.

Educational Qualifications & Certification

- **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.



Business Domains Worked

- **General Insurance** (Home & Business).
- **Everyday Banking** (Credit Card, Card Control).
- **Logistics** (Supply chain).
- **E-Commerce** (Online Retail).

Projects Worked @ MATCHES FASHION as Senior Test Automation Engineer

FROM MAR 2020 TO PRESENT

Project Name	: Business Tech - Apps
Client & Work location	: Matches Fashion Limited, London, United Kingdom/Hybrid
Domain	: E-commerce (Retailer).
SDLC	: Agile/Kanban Methodology.
Testing types involved	: System Testing, Automation Testing, Database testing, API (RESTful Services).
Automation testing tools	: Playwright/Cypress/Webdriver-IO(JS/TS), Supertest, GitHub Actions, Docker
Project Description	: Back-end apps used by our internal back-office team to handle before/after sales.

Projects Worked @ PUBLICIS SAPIENT (Nationwide UK) as Test Automation Specialist

FROM JAN 2019 TO FEB 2020

Project Name	: Member Credit Card.
Client & Work location	: Nationwide, Swindon, United Kingdom.
Domain	: Everyday Banking.
SDLC	: Agile Methodology.
Testing types involved	: System Testing, Automation Testing, Database testing, API (RESTful Services).
Automation testing tools	: BDD-Gherkin-Cucumber, Webdriver-IO (JS), API(Axios) & Appium (Mobile)
Project Description	: Issuing a new credit card for the existing members of the Nationwide Building Society.

Projects Worked @ RNTBCI as Senior Engineer - Test

FROM OCT 2017 TO SEP 2018

Project Name	: STEFI (Outbound Logistics).
Client & Work location	: Renault, Paris, France & RNTBCI, Chennai, India.
Domain	: Logistics.
SDLC	: Agile/V-Model Methodology.
Testing types involved	: System Testing, Database testing, Automation Testing, API (RESTful Services).
Automation testing tools	: Selenium WebDriver using C# Specflow - NuGet, API (RestSharp).
Project Description	: Vehicle tracking system via outbound logistics from factory to dealer locations

Projects Worked @ SQS (Hiscox UK) as Test Automation Engineer

FROM FEB 2016 TO OCT 2017

Project Name	: Da Vinci - Hiscox (Home & Business Insurance - Core - Back Office Use).
Client & Work location	: Hiscox, London, United Kingdom & SQS London, UK, SQS, Chennai, India.
Domain	: General Insurance.
SDLC	: Agile Methodology.
Testing types involved	: ST, SIT, Automation Testing, and Web services testing using SOAP UI.
Automation testing tools	: BDD-Cucumber, Selenium Webdriver, API-SOAP, Java-maven.
Project Description	: Home and business insurance for back-office use.

FROM FEB 2014 TO FEB 2016

Project Name	: Da Vinci - Hiscox (Home & Business Insurance - Web).
Client & Work location	: Hiscox, London, United Kingdom & SQS, Chennai, India.
Domain	: General Insurance.
SDLC	: Agile Methodology.
Testing types involved	: ST, SIT, and Automation Testing.
Automation testing tools	: Keyword-driven framework (Selenium Webdriver Java).
Project Description	: Home & Business – new online retail insurance platform.