ISTQB® Certified Tester

KANNAN MUTHU MANICKAM
QA/TEST AUTOMATION ENGINEER (Full Stack) |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 the 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 & and API** using **Playwright, Cypress.io, WebDriverIO and Appium with JS/TS**.
- 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 and 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 for Android and IOS apps).**
Automation Test Development Languages	: **JavaScript, TypeScript, Java, C#, and Python.**
Automation Test Framework Pattern	: **BDD-Gherkin-Cucumber/Specflow – Page Object Modal, (describe-it)**
Automation Cloud Web & Mobile Testing tools	: **Browser Stack, Sauce Labs.**
Automation Test Report Notification tools	: **Slack, Microsoft Teams.**
API Automation Testing Packages	: **SuperTest, Newman, Axios, Rest-Assured & Rest-Sharp.**
API Testing Tools	: **Postman (RESTful) & Soap UI (Web services).**
CI/CD Tools	: **GitHub Actions, Jenkins & Atlassian Bamboo.**
Version Control & Source Code Repository	: **GIT & GitHub & Atlassian Bitbucket.**
Database 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, Jet Brains & Eclipse.**
Operating Systems	: **Mac, Windows and Linux for CI/CD.**

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.

Business Domains Worked

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

Projects Worked @ MATCHES FASHION as Senior Test Automation Engineer

PROJECTS # FROM MAR 2020 TO PRESENT

Project Name : Business Tech – Apps.
Client location : Matches Fashion Limited, London, United Kingdom.
Work location : Matches Fashion Limited, London, United Kingdom/Hybrid.
Domain : E-commerce (Online Retailer).
SDLC : Agile/Kanban Methodology.
Testing types involved : System Testing, SIT, Regression, Automation Testing, DB, API (RESTful, GraphQL & Webservices).
Automation Test tools : Playwright/Cypress/Webdriver-IO (JS/TS) & SeleniumBase (Python), Supertest, GitHub Actions, Docker.
Project Description : Complete Business Product Life cycle apps for back-office use to handle before and after sales process.

Projects Worked @ PUBLICIS SAPIENT as Test Automation Specialist

PROJECT #2 FROM MAR 2019 TO FEB 2020

Project Name : Member Credit Card.
Client location : Nationwide, Swindon, United Kingdom.
Work location : Nationwide, Swindon, United Kingdom and Publicis Sapient London, United Kingdom.
Domain : Everyday Banking.
SDLC : Agile Methodology.
Testing types involved : System Testing, Automation Testing, Database testing, API (RESTful Services).
Automation test tools : BDD-Gherkin-Cucumber, Webdriver-IO (JS), API(Axios) & Appium (Mobile).
Project Description : Issuance of new member credit card to existing customers through credit check.

PROJECT #1 FROM JAN 2019 TO FEB 2019

Project Name : Card Control.
Client location : Nationwide, Swindon, United Kingdom.
Work location : Nationwide, Swindon, United Kingdom and Publicis Sapient London, United Kingdom.
Domain : Everyday Banking.
SDLC : Agile Methodology.
Testing types involved : System Testing, Automation Testing, Database testing, API (RESTful Services).
Automation test tools : BDD-Gherkin-Cucumber, Webdriver-IO (JS), API(Axios) & Appium (Mobile).
Project Description : Control the card transaction by freeze/unfreeze and also restricting to sites like Gambling.

Projects Worked @ RNTBCI as Senior Engineer - Test Automation

PROJECTS FROM OCT 2017 TO SEP 2018

Project Name : STEFI (Outbound Logistics).
Client location : Renault, Paris, France.
Work location : RNTBCI, Chennai, India.
Domain : Logistics.
SDLC : Agile/V-Model Methodology.
Testing types involved : System Testing, Database testing, Automation Testing, API (RESTful Services).
Automation test tools : Selenium WebDriver using Specflow, C# - NuGet, API (Rest Sharp).
Project Description : Managing the Outbound logistics of vehicles from the manufacturing unit to the dealer location.

Projects Worked @ SQS as Test Automation Engineer

PROJECT #3 FROM NOV 2016 TO OCT 2017

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

PROJECT #2 FROM FEB 2016 TO OCT 2016

Project Name : Da Vinci - Hiscox (Home - Core - Back Office Use).
Client location : Hiscox, London, United Kingdom.
Work location : Hiscox, London, United Kingdom.
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, Java-maven, Web Services (SOAP), Bitbucket & Jenkins (CI/CD).
Project Description : Managing Home insurance customer applications for back-office use.

PROJECT #1 FROM FEB 2014 TO FEB 2016

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