





KANNAN MUTHU MANICKAM
Full Stack - Software QA/Test Automation Engineer
Software Development Engineer in Test (SDET)
📍 **LONDON AREA – UK** 📞 **+44 075030 44414**

✉️ mkannan007@outlook.com

🌐 <https://www.myportfolio.mkannan007.work>

🌐 <https://www.linkedin.com/in/mkannan007>

🌐 <https://www.github.com/mkannan007>

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, Mobile/Desktop - Apps, UX, CBT, Performance, Accessibility, 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, Microsoft Azure DevOps** to run Sanity Test for every PR, Smoke test after deployment & scheduled cron-job for Regression test and notify results via **Slack/MS Teams**.
- Very Good Knowledge in running Web/Mobile Tests using cloud platform tools like **Browser Stack and Sauce Labs**.
- Very Good at maintaining a large number of test repositories in **GitHub/Microsoft Azure Repo/Bitbucket** and code base.
- Very Good at 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/GraphQL 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 with **good time management skills** for project delivery and good in handling small QA team.

Work Experience Summary

Organization	Client	Work Location	Designation/Role	Period
Matches Fashion Limited	Matches, UK	London, UK	Senior Test Automation Engineer	Mar 2020 -> Mar 2024
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.
Automation Test Tools Mobile	: WebDriverIO (Appium for Android and IOS apps).
Automation Test Development Languages	: JavaScript, TypeScript, Java, C#, and Python (Basics).
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/GraphQL) & Soap UI (Web services).
CI/CD Tools	: GitHub Actions, Microsoft Azure DevOps, Jenkins & Atlassian Bamboo.
Version Control & Source Code Repository	: GIT & GitHub, Microsoft Azure Repo & Atlassian Bitbucket.
Database Tools	: MongoDB, Microsoft SQL Server, Oracle & MySQL.
Performance Test Tool	: K6 Grafana, J-Meter (Basics).
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, 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 MAR 2024

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	: ST, SIT, Automation, API (REST, GraphQL, Webservices), DB, AWS-Events & Performance (K6 – Grafana)
Automation Test tools	: Playwright/Cypress/Webdriver-IO (JS/TS), SuperTest, GitHub Actions, Azure DevOps, Jenkins and 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, API (RESTful Services), DB and Accessibility Testing (Axe-core)
Automation test tools	: BDD -Cucumber, Webdriver-IO (JS), API(Axios) & Appium (Mobile), Browser Stack/Sauce Labs.
Project Description	: Issuance of new member credit cards to existing customers through credit checks.

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, API (RESTful Services), DB and Accessibility Testing (Axe-core)
Automation test tools	: BDD -Cucumber, Webdriver-IO (JS), API(Axios) & Appium (Mobile), Browser Stack/Sauce Labs.
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, Web services testing using SOAP UI and Performance testing using JMeter (GUI)
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, Web services testing using SOAP UI and Performance testing using JMeter (GUI)
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.