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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, and 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 in writing the test using **BDD – Cucumber – Gherkin** and **RESTful API** services 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

➢ **Senior Test Automation Engineer @Matches Fashion Limited, London, UK,** *Since Mar 2020.*

➢ **QA Test Automation Specialist @Publicis Sapient Limited, London, UK from** *Jan 2019 to Feb 2020.*

➢ **Senior Engineer - Test @Renault Nissan Technology & Business Centre India ltd from** *Oct 2017 to Sep 2018.*

➢ **Test Automation Engineer @SQS BFSI Limited (London, UK & Chennai India) from** *Jan 2014 to Oct 2017.*

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.

Technical Skills

Automation Test Tools	: **Playwright/WebdriverIO/Cypress/Selenium-Webdriver & Appium(Basics)**
Automation Test Development Languages	: **JavaScript, TypeScript, Java & Basics of C# & Python scripting.**
Automation Test Framework Pattern	: **BDD-Gherkin-Cucumber - Page Object Modal, Test(describe), Test-NG**
API Testing Packages	: **SuperTest, Newman, Axios, Rest-Assured.**
API Testing Tools	: **Postman (RESTful), Soap UI.**
Databases Tools	: **MongoDB, Microsoft SQL Server, Oracle, MySQL.**
Continuous Integration Tool	: **GitHub Actions & Jenkins.**
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.**

Business Domains Worked

➢ **General Insurance** (Home & Business).

➢ **Everyday Banking** (Credit Card, Card Control).

➢ **Logistics** (Supply chain).

➢ **E-Commerce** (Online Retail).