Manova Chandramohan
Manager Projects
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Profile

Test Lead with over 10 years of experience in quality assurance and test automation in manufacturing, insurance, healthcare, and card payments products. Highly skilled in front-end and back-end test framework design, development, and improvement activities. Well-versed in conducting manual functional and regression testing when automation is not viable. Expertise in creating and executing test cases based on user story specification and acceptance criteria, evaluating test coverage, and updating test process, matrices documentation. A self-motivated and detail-oriented team player who thrives in a collaborative environment.

Experience

Manager Projects – Cognizant Technology Solutions, Bangalore   May 2024 – Present

Roles and Responsibilities
- Interacting with product owner to understand the requirements
- Working with development team in Agile SDLC model
- Develop and automate API tests and File based tests using Cucumber.js

Test Lead - DXC Technology, Bangalore   Jul 2021 – May 2024

Roles and Responsibilities
- Designing and Development of automation framework for different projects
- Leading 3 automation projects, supporting 8 automation engineers
- Defining Test automation strategy and roadmap to align with business objectives and project timelines
- Estimate test activities and capacity planning
- Conduct code review, walkthrough, demo and obtain sign off by stakeholder for Test Design
- Identify business processes conducting risk analysis and ensure test coverage
- Oversee the creation and execution of test cases, ensuring adequate coverage of functional and non-functional requirements
- Liaise with project stakeholders, including product managers and developers, to ensure clear communication and alignment on quality goals
- Code reviews and provide technical guidance to team members on test automation best practices.
- Automated end-to-end (E2E) scenarios to validate software functionality and performance
- Performed failure analysis and provided recommendations to improve software reliability
- Attended Scrum ceremonies to ensure alignment of SDLC processes with Agile principles.
- Documented the automation testing process and approaches

Achievements
- ✓ Developed automation framework from ground up using Playwright tool and JavaScript, flavoured with BDD Cucumber, helped Product owner verify the workflow using plain English language
- ✓ Successfully reduced manual testing time from 15 hours to approximately 2.30 hours through the automation of complex scenarios, leading to improved efficiency and productivity
- ✓ Cross browser testing achieved using Browser Stack with minimal code change
- ✓ Implemented BDD Cucumber based framework with Selenium and Playwright tools for different projects
- ✓ Introduced metrics board in Azure Dev-Ops for reporting to client about sprint automation data points

Tools used

   Playwright, TypeScript, BDD, Cucumber, Selenium, Java, Azure Dev-ops, Browser Stack

Test Analyst - Infosys Limited, Bangalore, India   Jul 2017 - Jul 2021

Roles and Responsibilities
- Conducted requirement analysis to understand software functionality
- Planned and created a comprehensive test strategy
- Gathered and organized test data to ensure accuracy
- Created API workflows to test software functionality
- Authored clear and concise test cases to validate software quality
- Provided training and mentorship to junior team members to enhance their skills and expertise in QA automation and in application
- Automated API and UI tests to improve efficiency and accuracy
- Conducted authentication and authorization testing to ensure data security
- Verified browser compatibility to ensure software runs smoothly on multiple platforms

Achievements
- ✓ Successfully migrated Salesforce UI automation test cases to API workflows, resulting in increased test coverage and reduced execution time
- ✓ Implemented a data-driven framework for web services migration projects, significantly reducing the manual effort required for data comparison tasks

Tools used
SOA Test, SOAPUI, Groovy, Rally, Gitlab

Automation Test Engineer - DXC Technology, Sydney, Australia   Sep 2016 - Jul 2017

Roles and Responsibilities
- Developed test approach documents and provided clear guidance to the team
- Authored an automation user guide to ensure efficient use of automation tools
- Created reusable functions to streamline automation efforts
- Automated a variety of test cases to ensure software quality
- Reported bugs to the development team and worked with them to resolve issues
- Maintained effective communication and coordination with clients to ensure project success
- Contributed to project start-up meetings by providing valuable input and insights

Achievements
- ✓ Successfully implemented an automation solution for Flash/Flex application, resulting in a significant decrease in manual end-to-end testing efforts from 5 days to just 14 hours
- ✓ Streamlined manual data setup and regression testing processes, saving an estimated 10 days of manual effort, and reducing it to just 23 hours

Tools used
Ranorex, C#

Test Engineer - DXC Technology, Bangalore, India   Jan 2014 - Aug 2016

Roles and Responsibilities
- Prepared testing artifacts and managed the deployment of software patches
- Authored and maintained test strategies documents for various software projects
- Conducted both functional and automation testing for web services and user interfaces
- Tracked and reported bugs, working with developers to ensure timely resolution

Achievements
- ✓ The automation solution also helped to identify issues early in the development cycle, leading to quicker resolution and a higher overall quality of the product

Tools used
SOAPUI, Groovy, Selenium, Java, TFS, SSMS, Jenkin

Education
Bachelor of Engineering (**B.E.,ECE**) – 2012 - *Anna University, Chennai*