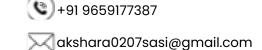# Akshara Sasi

Test Engineer

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About Me

Result-oriented Automation and Manual Test Engineer with 3+ years of experience in driving day-to-day project activities, gathering requirements, and executing comprehensive tests. Adept at generating and executing test strategies, identifying risks, and providing effective mitigation strategies. Demonstrated leadership abilities to inspire and motivate cross-functional teams.

Career Summary

- **Test Automation:** Proficient in designing, developing, and executing automated test scripts using Selenium WebDriver. Experienced in implementing Page Object Model (POM) for maintainable and scalable automation code.
- **Testing Methodologies:** Extensive knowledge of manual testing methodologies including functional, regression, exploratory, and usability testing. Expertise in creating and executing test cases for web applications.
- **Tools and Technologies:** Skilled in utilizing testing tools such as JUnit, TestNG, JIRA. Proficient in version control with Git and continuous integration with Jenkins.
- **Programming Languages:** Strong proficiency in Java for test script development and automation.
- **Defect Tracking and Management:** Adept at logging and managing defects using JIRA. Experienced in conducting root cause analysis and working closely with development teams for timely resolution.
- **Load and Performance Testing:** Experienced in using JMeter for load testing to evaluate system performance under varying load conditions, identifying areas for optimization.
- **BDD Frameworks:** Proficient in implementing Behavior-Driven Development (BDD) frameworks using tools like Cucumber to improve collaboration between development and testing teams.
- **SQL and Database Testing:** Skilled in writing complex SQL queries to validate data integrity and ensure accurate information flow between the application and the database.

Experties

- Testing Tools: Selenium WebDriver, JUnit, TestNG, JIRA, Maven.
- Frameworks: Cucumber, TestNG.
- API Testing : Postman, Rest Assured.
- Programming Languages: Java.
- Version Control: Git.
- Continuous Integration: Jenkins.
- Defect Tracking: JIRA.
- Operating System: Windows.
- Database: My SQL.

Education

B.E (CSE) 2020
Jeppiaar Maamallan Engineering College

MBA(HRM)2023
Pondicherry University - Loyola College Society

Experience
Tata Consultancy Services from [Apr 2021 - Till Present]

Awards

Best Team Player Award for the month of Mar 2023.
Best Performer Award for the month of Aug 2022.
Star Employee Award for the month Jan 2022.

Projects

Project Name: Woolworths [Sep 2022 -Till Present]
Description: Woolworths Metro is a chain of small format grocery stores launched in 2013. The first store opened in Sydney, and the chain now has over 90 stores across Australia as of August 2023. Three of them are former Thomas Dux stores, while others are mostly placed within central business districts. Woolworths actively engages in community initiatives. It competes with major supermarket chains like Coles and international players such as Aldi.

Roles & Responsibilities

- Collaborated with cross-functional teams to design and implement effective QA processes and governance, ensuring high-quality product delivery.
- Led the creation of comprehensive testing documents including test approach, plans, and test scenarios, tailored to project requirements.
- Leveraged automation tools and frameworks to develop reusable test assets, improving overall testing efficiency.
- Conducted performance and stress/load testing to validate system capabilities and identify performance bottlenecks.
- Utilized JIRA and Confluence for defect tracking, resolution, retesting, escalation, and closure to ensure smooth test phase closure.

Project Name: SBIN [Apr 2021 - Aug 2022]
Description: SBI Life Insurance ('SBI Life' / 'The Company'), one of the most trusted life insurance companies in India, was incorporated in October 2000 and was registered with the Insurance Regulatory and Development Authority of India (IRDAI) in March 2001. Serving millions of families across India, SBI Life's diverse range of products caters to individuals as well as group customers through Protection, Pension, Savings and Health solutions.

Roles & Responsibilities

- Spearheaded the implementation of automated testing frameworks, resulting in a 30% reduction in testing time and a 20% increase in test coverage.
- Conducted in-depth root cause analysis for identified defects, collaborating with development teams to implement effective solutions and prevent recurrence.
- Led cross-functional training sessions on test automation best practices, enhancing team members' proficiency with tools such as Selenium and TestNG.
- Implemented performance testing protocols, simulating real-world scenarios to validate system scalability and reliability under load.
- Orchestrated bi-weekly QA meetings to align project priorities, identify potential roadblocks, and ensure seamless coordination among team members.
- Utilized Git for version control and integration with continuous integration systems, streamlining code management and deployment processes.