Jamwal M

Automation Tester, 7+ years experience
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Full stack test automation developer with 6+ years of rich experience in diverse test automation including UI Test Automation, DB Test Automation and SDET roles. Experience in automating non-functional testing (Performance Testing) using Postman and Newman. Created the automated projects for API Testing using REST Assured and Postman CLI. Worked as AWS Cloud Developer to dynamically orchestrate test databases. A result-oriented professional who is well-versed with various test automation design and architecture paradigms. Extensive experience working on Selenium and Java. Working Knowledge of SQL databases. Experience working in agile and scrum methodologies. Exposure to complete test automation lifecycle for multiple projects.

INDUSTRIES: Analytics, Retail, Healthcare, Ecommerce

TECHNICAL SKILLS

• Java	6 years
• Selenium	5 years & 2 months
• JavaScript	4 years
• Cucumber	3 years
• AWS	3 years & 1 months

PROJECT DETAILS

• AWS Database Refresh

Project Description: Database orchestration in the AWS environment involved developing a set of scripts that would refresh a large QA database from the production database. Also, all the sensitive information in the QA database is masked by replacing it with dummy data, while maintaining the referential integrity of the data.

Responsibilities: • Creating the IAM policies and roles for allowing the AWS resources to assume roles. • Involved in creating AWS resources like EC2 instances, RDS databases, Stacks, State machines, and Lambda functions using stack creation templates. • Set the security group inbound rules so that all the resources can communicate within the same VPC. • Performed masking such that the related records in different tables should have the same values for columns with foreign keys to maintain the referential integrity. • Automate the workflows for end-to-end refresh and masking process. • Involved in designing the workflow of the state machine.

Technologies: Python, AWS Resources, MySQL

Industry: Analytics

• Spendgo

Project Description: The Spendgo platform provides retail businesses tools and integrations to manage the offers and loyalty of their customers. It provides a mechanism to parse online receipt transactions, and campaign engines manage rewards points and offers, providing businesses with a holistic solution. The platform also provides businesses tools to create and manage marketing campaigns.
Responsibilities: • Implemented automated test frameworks using Java, Selenium, and Cucumber for regression and integration testing. • Implemented API automation component for the campaigns and reporting components using REST Assured. • Created test automation plans and strategies as per business priorities. • Worked on creating a Page Object Model for different pages of the application. • Developed a module to automate the Database validations for MySQL, AWS Arora, and AWS Redshift. • Analyze the issues found through automation, investigate the root cause and track them to closure. • Created test cases and manually tested various workflows of the application. • Collaborated with the QA team to analyze the reported bugs, investigate the root cause and fix the bugs. • Created test cases and manually tested various workflows of the application.
Technologies: ava, REST Assured, Selenium, Cucumber, MySQL, AWS Arora, AWS Redshift
Industry: Retail
Link: https://www.spendgo.com/

• myDoctor

Project Description: ‘myDoctor’ is an online doctor consultation portal. The portal acts as a mediator between the doctors and the patients. The system provides a mechanism for patients to seek online consultations from doctors without requiring them to visit a clinic/hospital. The 'myDoctor' portal enables healthcare service providers to operate in an affordable, efficient, and boundaryless ecosystem.
Responsibilities: • Collate the automation priorities from different stakeholders, draft them into an automation plan, work out milestones and report the progress to stakeholders. • Implemented the test automation solution using Java, Selenium and Cucumber. • Developed the API Testing framework for the application using Postman, Newman, and JavaScript. • Worked on creating Page Object Model for different pages of the myDoctor application like patient profile, change password, reset password and doctor dashboard page, patient appointment page etc. • Implemented API automated tests using Postman for various service operations such as doctor slots, reviews, appointments, ratings, patient profiles, and validating the password rules.
Technologies: Java, Selenium, Postman, Newman, JavaScript
Industry: Healthcare
Link: http://my-doctors.net/

• Amala Earth

Project Description: Amala Earth is an e-commerce marketplace that is themed around earth-friendly products. The applications have modules for all the e-commerce workflows viz. Inventory Management, Order Management, Customer History, Search, Marketing Promotions, Search Engine Optimization, Reporting etc.
Responsibilities: • Led the projects for designing test automation frameworks. • Implemented automated tests for the application using Java, Selenium, and Cucumber. • Load testing using JMeter to benchmark the concurrent users' load for the application. • Created automated test suites based on functional requirements. • Identified the critical user stories and automated the workflows for the same. • Analyzed the nightly automated runs and root causes of the failures; logged bugs or updated automated scripts accordingly.
Technologies: Java, Selenium, Cucumber, JMeter
Industry: Ecommerce
Link: https://amala.earth/

EMPLOYMENT HISTORY

• Automation tester January-2020 - November-2023

• Automation Tester August-2017 - January-2020

Alpha IT Systems

EDUCATION

• Bachelors degree in B.tech from Bits 2013 - 2017

LANGUAGES

• English - native

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