

Gokul Loganathan

Quality Analyst

Manual/Automation/Performance Tester

My Contact

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About Me

Dedicated Manual, Automation, and Performance Tester with **2.3 years** of experience in software quality assurance. Proficient in creating, executing, and maintaining manual test cases, as well as automating test scenarios using Java Selenium. Experienced in performance testing using JMeter to ensure optimal system performance under varying loads. Eager to collaborate with cross-functional teams, drive innovation, and contribute to the company's growth by delivering high-quality, reliable software products that meet and exceed customer expectations.

Technical Skills

- Automation Framework : Selenium WebDriver with Java
- Programming Skill : Java
- Framework : TestNG
- Build Management Tool : MAVEN
- Behavior-driven Tool : Cucumber
- IDE : Eclipse
- Load Testing Tool : JMeter
- Protocol : MQTT
- Database : MySQL
- Defect Management Tool : JIRA
- Project Management Tool : Kanboard
- Version Control Tool : Github
- Methodologies : Agile
- CI/CD tool : Jenkins
- Tools : MS Office

Education Background

- Bachelor of Engineering:
Mechanical Engineering,
Sri Ramakrishna Institute of Technology,
Coimbatore
CGPA: 7.4 [2017-2021]
- Higher Secondary School Certificate:
BIO-MATHS,
Cheran Matriculation Higher Secondary
School, Karur
Percentage: 80.5 [2017]
- Secondary School Leaving Certificate:
Cheran Matriculation School, Karur
Percentage: 95.8 [2015]

Professional Experience

Altius Technologies | Quality Analyst

Nov 2022 – Present

Key responsibilities:

- **Expertise in Manual and Automated Testing:** Proficient in both manual testing methodologies and automated testing tools, including Java, Selenium, JMeter, TestNG, and Cucumber, ensuring comprehensive testing coverage.
- **Agile Project Management:** Well-versed in Agile methodologies with hands-on experience using Jira, adept at fostering collaboration, and ensuring the timely delivery of high-quality software through iterative development processes.
- **Database Testing Proficiency:** Skilled in MySQL for database testing, ensuring the accuracy and reliability of data interactions within software applications.
- **Script Development with Eclipse IDE:** Proficient in using Eclipse IDE for efficient and scalable script development, contributing to the creation of robust and maintainable test scripts.
- **Version Control and Collaboration:** Experienced in version control using GitHub, facilitating seamless collaboration and code integration within development teams.
- **End-to-End Testing and Continuous Integration:** Well-versed in API testing and continuous integration practices with Jenkins, ensuring the smooth integration of software components and maintaining a focus on overall system functionality. Additionally, proficient in project management using Kanboard for streamlined workflows and effective task coordination.

Projects

Project : JMeter using Load Testing Project

Domain : IoT

Responsibilities:

- Developed comprehensive Test Plans and Thread Groups in JMeter to simulate various user scenarios for load testing.
- Created HTTP Samplers to send requests to web servers and analyze responses for performance metrics.
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- Configured Listeners and generated detailed reports to analyze test results
- Implemented Assertions to validate responses and ensure the correctness of the application under load.
- Conducted testing of databases and FTP servers using JMeter to measure their performance under load.
- Recorded tests in Blaze Meter to simulate real user interactions and analyze performance under different load conditions.
- Utilized CSV files to read values for parameters and dynamically adjust the load during testing.

Maintenance Projects : E-commerce Online Purchased Application

[Based on Canadian Client Project]

Responsibilities:

- Conducted functional testing for maintenance projects, ensuring software functionality met specified requirements.
- Executed regression testing to verify software modifications and enhancements, identifying and documenting any deviations from expected behavior.
- Developed comprehensive test cases to cover various scenarios and functionalities, facilitating thorough testing procedures. Performed smoke testing to assess the stability of software builds and identify critical issues early in the development cycle.

Maintenance Projects : E-commerce Online Purchased Application

[Based on South African Client Project]

Responsibilities:

- Conducted functional & integration testing to validate the interaction between different software components and systems.
- Executed web application tests across various browsers and platforms, ensuring consistent performance and compatibility.
- Conducted mobile testing on different devices and operating systems to ensure optimal functionality and user experience.
- Managed testing processes and tasks using Jira, ensuring clear communication and tracking of defects and testing progress.
- Followed structured testing life cycles (STLC) and software development life cycles (SDLC) to ensure systematic and efficient testing processes.

Project : CRM Based Application

Domain : eCommerce

Responsibilities:

- Understanding the customer requirement by analyzing User Stories
- Involved in Preparation of Test Procedures, Test Scenarios, Test Cases and Test Data.
- Responsible for testing the Web application according to business requirements in user story.
- Involved in functional specification documents to develop test cases and test scenarios.
- Interact with developers and discussed technical problems, Bug Tracking.
- Used JIRA to Create Defect & update Epics/Stories.
- Reporting the Regular status to the higher authorities in a timely manner.
- Created Test basic functional Automation Test Script using Java Selenium
- Effective co-ordination between development team and testing team.

Project : Financial App

Domain : Banking Domain

Responsibilities:

- Understand the Technical specifications and Requirements of the project
- Implemented code review processes, prioritizing scalability, security, and performance testing for every stage of development.
- Tested Financial Related calculation and logics Verified encryption mechanisms to ensure the security and confidentiality.
- MySQL database performance Testing.
- Simplified Test Case Prioritization and Structuring Involved in app performance when lots of users use the same or different functionalities.
- Developed comprehensive automated test scenarios, plans and requirements and documented them meticulously.
- Communicating with development staff for test planning. Ensuring code functionality, performance and security.

Certifications:

Manual and Automation Testing with Java Selenium

Sample Automation Project GitHub link:

Java Selenium

https://github.com/Gokul9033/Gokul_Automation_Java_Selenium

TestNG

https://github.com/Gokul9033/Antlabs_TestNG_IFSM

Language Known:

- English
- Tamil
- Hindi