

PRAVEEN DHARSHANA

SOFTWARE QUALITY ASSURANCE ENGINEER



CONTACT

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praveen-dharshana

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PROGRAMMING LANGUAGES

- Java
- Python
- HTML
- XML

TESTING SKILLS

- Selenium web browser automation
- JMeter Performance Testing
- JMeter Load Testing
- API Testing with Postman
- JIRA for bug tracking
- QA Methodologies Manual Testing
- System Testing
- Functional Testing
- Agile Testing
- SQL

TEST DOCUMENTATION

- Selenium web browser automation
- JMeter Performance Testing
- JMeter Load Testing
- API Testing with Postman
- JIRA for bug tracking
- QA Methodologies Manual Testing
- System Testing
- Functional Testing
- Agile Testing
- SQL



PROFILE

Undergraduate Software Engineering student with strong teamwork and communication skills, actively self-learning manual and automation testing. Seeking a Software Quality Assurance internship in a reputable organization to apply testing skills, gain industry experience, and contribute with dedication and enthusiasm.



EDUCATION

- BSC. IN SOFTWARE ENGINEERING** 2024 - 2028
National Institute Of Business Management (NIBM - Sri Lanka)
- CERTIFICATE OF SOFTWARE TEST AUTOMATION** 2025
Imperial College of information Technology and Business
- FSD ACADEMY MANUAL TESTING BOOT PROGRAM** 2025
Imperial College of information Technology and Business
- ISTQB EXAM (READING)**



PROJECTS

Manual Testing Projects

- **Gmail Login Test**

Conducted manual testing of the Gmail login page by designing and executing positive, negative, and boundary test cases, validating UI behavior, input fields, and error messages.

Project Demo: [Click Here](#)

- **LinkedIn Login Test**

Designed and executed detailed manual test cases for the LinkedIn login page covering functional, UI, positive, negative, and boundary scenarios. Focused on input validation, error handling, and documentation to ensure reliable user authentication.

Project Demo: [Click Here](#)

- **Bug Tracking Using JIRA**

Worked on identifying, reporting, and managing software defects using JIRA. Created detailed bug reports with priority and severity levels, tracked the defect lifecycle, and performed re-testing to verify fixes in an Agile testing environment.

Project Demo: [Click Here](#)

FRAMEWORK

- TestNG
- Selenium with Java

VERSION CONTROL & DEVOPS

- Git & GitHub
- Jenkins CI/CD pipeline

AI TESTING TRENDS

- AI-Powered Testcase Generation
- AI Powered Test Priority
- Self Healing Tests
- Predictive Defect Analytics
- Visual Testing with AI
- AI for Test Data Generation
- AI for Security & Ethical Testing
- Generative AI for QA
- AI in Exploratory Testing
- AI Testing & Validation

SKILLS

- Communication Skills
- Time Management
- Risk Management
- Leadership Skills
- Management Skills
- Project Management
- Analytical Skills
- Quick Thinking
- Fast Learning
- Problem-Solving
- Planning
- Critical Thinking

LANGUAGES

- English
- Sinhala

REFERENCE

Mr. Wanuja Ranasinghe
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Mr. Raveen Wijaywickrama
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Automation Projects

- **Selenium Automation - YouTube Search Functionality**

Developed an automation script using Selenium WebDriver with Java and TestNG to validate YouTube search functionality. Automated browser launch, navigation, keyword search, and search result verification using Maven-based project structure.

Project Demo: [Click Here](#)

- **Selenium Automation - Login Page Automation**

Automated a web application login process using Selenium WebDriver, Java, and Maven. Implemented browser interaction, element validation, and test execution to demonstrate practical automation testing skills.

Project Demo: [Click Here](#)

Performance & Load Testing Projects

- **JMeter Load Testing Project**

Designed and executed load tests using Apache JMeter to simulate concurrent users on a web application/API. Analyzed system behavior by evaluating response time, throughput, and error rates under load conditions.

Project Demo: [Click Here](#)

- **JMeter Performance Testing Project**

Created JMeter test plans with thread groups to perform performance testing on a demo website/API. Executed tests and analyzed performance metrics to identify system stability and bottlenecks.

Project Demo: [Click Here](#)

API Testing Projects

- **CRUD Operations Using Postman (DummyJSON API)**

Performed API testing using Postman by executing CRUD operations (POST, GET, PUT, DELETE). Validated response status codes, response bodies, and implemented test scripts to ensure API reliability.

Project Demo: [Click Here](#)

- **Restful Booker API**

Tested RESTful APIs using Postman by implementing authentication, booking creation, retrieval, update, and deletion. Verified responses and status codes to ensure proper API functionality and data integrity.

Project Demo: [Click Here](#)