

PRAVEEN DHARSHANA

SOFTWARE QUALITY ASSURANCE ENGINEER

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PROFILE

Software Quality Assurance Intern with hands-on experience in manual, automation, API, and performance testing. Skilled in Selenium WebDriver, TestNG, JMeter, Postman, and Jira, with strong knowledge of test case design, defect lifecycle, Agile methodologies, and CI/CD basics. Actively seeking a Software QA Internship to contribute to quality-driven development teams

PROJECTS

MANUAL TESTING PROJECTS

Gmail Login Test

- Performed positive, negative, and boundary testing
- Validated email and password input fields, error messages, and UI behavior
- Performed functional and system testing to ensure login reliability
- Documented test cases and results following QA best practices

LinkedIn Login Test

- Designed and executed test cases for login, authentication, and UI validation
- Tested input validation, error handling, and authentication workflows
- Executed positive, negative, and boundary test scenarios
- Ensured accurate test documentation aligned with industry standards

Bug Tracking Using JIRA

- Identified, logged, and tracked software defects using JIRA
- Logged and tracked defects using Jira with severity and priority
- Managed the defect lifecycle from identification to closure
- Performed re-testing and regression testing in an Agile environment

AUTOMATION PROJECTS

Selenium Automation – YouTube Search Functionality

- Developed automation test scripts using Selenium WebDriver, Java, and TestNG
- Automated browser launch, navigation, keyword search, and result validation
- Implemented a Maven-based framework for test execution

Selenium Automation – Login Page Automation

- Automated login workflows using Selenium WebDriver and Java
- Implemented element identification, validation, and test execution
- Used Maven and TestNG for structured test management
- Demonstrated practical knowledge of automation frameworks and browser automation

PERFORMANCE & LOAD TESTING PROJECTS

JMeter Load Testing Project

- Designed and executed load tests using Apache JMeter
- Simulated multiple concurrent users to analyze system behavior
- Measured response time, throughput, and error rates
- Identified potential performance bottlenecks under load

JMeter Performance Testing Project

- Created JMeter test plans with thread groups for performance evaluation
- Conducted performance and stress testing on demo applications/APIs
- Analyzed system stability using key performance metrics
- Reported findings to support performance optimization

API TESTING PROJECTS

CRUD Operations Using Postman (DummyJSON API)

- Performed API testing using Postman for CRUD operations
- Validated HTTP methods (GET, POST, PUT, DELETE) and status codes
- Verified response bodies and data integrity
- Used test scripts to ensure API reliability and correctness

Restful Booker API

- Tested RESTful APIs with authentication mechanisms
- Executed booking creation, retrieval, update, and deletion
- Verified API responses for functional accuracy and data consistency
- Ensured compliance with REST standards and API best practices

EDUCATION

BSC In Software Engineering (2024 - 2028)

National Institute of Business Management

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 Foundation Level (In Progress)

ADDITIONAL INFORMATION

- **Manual Testing Skills:** Functional Testing, System Testing, Regression Testing, Agile Testing, SDLC, STLC, Smoke Testing, Sanity Testing, Test Strategy, Test Plan, scrum methodology
- **Automation Testing:** Selenium WebDriver, TestNG, Maven, API Testing: Postman, REST API Testing, CRUD Operations
- **Performance Testing:** Apache JMeter (Load & Performance Testing)
- **Tools:** Jira, Git, GitHub, Jenkins (CI/CD)
- **Programming:** Java, SQL, HTML
- **Languages:** English, Sinhala