# AKHILA G.

## TEST ENGINEER

## CONTACT


+918301091114
akhilag18.87@gmail.com
Trivandrm, Kerala,India
https://www.linkedin.com/in/akhila-gopinathan/


## SKILLS

CORE QA SKILLS

- Manual Testing
- Functional Testing
- Automation Testing
- API Testing
- End-to-End (E2E) Testing
- User Acceptance Testing (UAT)
- Regression Testing
- Smoke testing & Sanity Testing
- Exploratory testing
- Security Testing
- Test Case Design,Execution & Management
- Database Testing / SQL Validation
- Automation Testing
- Defect Reporting,Tracking & Management
- Agile / Scrum
- Software Development Life Cycle (SDLC) / Software Testing Life Cycle (STLC)

TECHNICAL SKILLS

- Automation Tools: Selenium WebDriver, Katalon Studio, Playwright
- API Testing Tools: Postman, Swagger
- Testing Frameworks: TestNG, Cucumber
- Build Tools: Maven
- Programming Languages: Java, Python
- Web Technologies: HTML, CSS, JavaScript
- Version Control Systems: Git
- IDEs: IntelliJ IDEA, Eclipse, VSCode
- Bug Tracking Tools: JIRA, Height, Excel
- Test Case Management: JIRA, Excel
- Database: SQL

## PROFILE

QA Engineer with 3+ years of hands-on experience in software quality assurance across web and mobile applications, specializing in Manual Testing, API Testing, and Test Automation. Experienced in functional, UI, end-to-end (E2E), regression, exploratory, UAT, and security testing, with expertise in test case design, execution, and defect management. Skilled in REST API testing using Postman and Swagger, API automation using Python Requests, and UI automation using Java, Selenium WebDriver, TestNG, and Maven. Proficient in SQL-based database validation and Agile methodologies. Currently learning automation expertise with Playwright and JavaScript. Holds a Master of Engineering (M.E.) in Computer Science and Engineering from Anna University, Chennai (2010–2012).

## PROFESSIONAL EXPERIENCE

**Edzumo Pvt. Ltd., Trivandrum** SEPTEMBER 2025 – PRESENT

**Test Engineer**

- Designing and managing test cases, test scenarios, and test data based on functional requirements and business specifications.
- Performing end-to-end (E2E), functional, regression, and REST API testing using Postman to validate application workflows and business logic.
- Learning and implementing Playwright with JavaScript to automate existing manual regression test scenarios and expand UI automation coverage.
- Collaborating with developers and stakeholders to identify, document, track, and verify defects throughout the testing lifecycle.
- Supporting test execution, defect resolution, and overall application quality in an Agile development environment.

**Technologies & Tools**: Postman, JIRA, Excel, SQL, DBeaver, Playwright - Javascript

**SimpleLogic Solutions,Trivandrum** JANUARY 2023 – AUGUST 2025

**Test Engineer**

- Designed, maintained, and executed comprehensive test cases, test scenarios, and test data based on functional requirements and business specifications.
- Conducted end-to-end (E2E), functional, regression, and user acceptance testing (UAT) across web and mobile applications.
- Performed manual and automated REST API testing for microservices-based SaaS applications using Postman, Swagger, and Python Requests.
- Developed and maintained UI automation scripts using Java, Selenium WebDriver, TestNG, and Maven.
- Executed application security assessments using open-source tools to identify vulnerabilities, including Cross-Site Scripting (XSS), security misconfigurations, and exposed backup files.

**PROFESSIONAL EXPERIENCE (CONTINUED)**

**SimpleLogic Solutions,Trivandrum**

**Test Engineer**

- Managed the defect lifecycle, including bug reporting, tracking, retesting, and verification using JIRA and Height.
- Worked closely with developers and stakeholders to analyze application behaviour, investigate issues, validate fixes, and support release quality.

**Key Projects & Contributions:**

- Squibbon (Canada): Security testing, E2E, REST API validation, manual testing, defect tracking using JIRA.
- Happilee(India):Security testing, API testing
- DeltaFour Smart LOTO (India): E2E testing,manual testing, UAT, RESTful API automation using Python Request library, defect management using Height and Excel.
- Eleet Dispatch Solution (Canada): Hybrid automation framework with Selenium, Java, TestNG; BDD-based testing,E2E,REST RESTful API validation

**Technologies & Tools**: Java, Python, Selenium WebDriver, TestNG, Maven, Postman, Swagger, JIRA(X-Ray), Height, SQL, Agile, BDD, Security Testing.

**Academic Experience** 2012-2023 (CONCURRENT)

**Code Trainer & Assistant Professor**

- Handled practical and theory session in C, C++, Python, Java, and HTML/CSS/JavaScript, guided student projects, and led curriculum design, and workshops.

## CERTIFICATES

- Agile Scrum Foundation – Simplilearn
- Generative AI for QA Professionals and Software Testers-Udemy