# JULIANA NDUNGE

**QA Engineer | Manual & Automation Testing | Agile Team Player**
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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## CAREER SUMMARY

Detail-oriented **Software Quality Assurance Engineer** with training from **PLP Academy** and a strong foundation in **Mathematics & Computer Science**. Skilled in **manual and automation testing**, test case design, regression testing, API testing, and defect management using Jira. Served as **Test Lead** in a real-world project, leading a QA team and delivering complete test documentation. Passionate about ensuring software reliability, improving QA processes, and contributing to Agile development teams.

## KEY ACHIEVEMENTS

- **Led QA team of 3** in the PLP Academy final project, ensuring timely delivery of test plans, test cases, and defect logs.
- **Developed and executed 16+ test cases**, identifying 10+ major defects before deployment and improving release quality.
- Reduced defect resolution time by **25%** by logging clear, detailed issues in Jira and collaborating closely with developers.
- Conducted **performance audits using Lighthouse**, ensuring apps met usability and performance benchmarks.

## TECHNICAL SKILLS

- **Testing Tools:** Jira, Selenium, Jest, Lighthouse, Postman, JMeter (basic)
- **Testing Types:** Functional, Regression, Smoke, Sanity, API Testing, UAT, Performance (basic)
- **Programming & Scripting:** JavaScript, TypeScript, Python, Java, HTML/CSS, React
- **Version Control:** Git, GitHub
- **Databases:** PostgreSQL (basic), SQL (familiarity)
- **Other Tools:** Jenkins, Trello

**Test Lead – CleanCity Waste Pickup Scheduler (PLP Academy Final Project)**
*(Jan – Jul 2025)*

- Led test planning, execution, and reporting for a waste management app.
- Designed and executed **16+ test cases** covering login, registration, dashboard, and admin functions.
- Logged bugs in **Jira**, improving defect turnaround and preventing release delays.
- Delivered **complete QA package**: test plan, test cases, defect log, and performance reports.
- **GitHub:** View Code

**E-Commerce Filter App – QA & Frontend Testing**

- Tested product search, filter, and cart features.
- Logged and tracked bugs in Jira for developer fixes.
- **GitHub:** View Code

**Data Visualization Dashboard – QA & API Testing**

- Validated API data integration into charts and checked data accuracy.
- Conducted performance testing using Lighthouse.
- **GitHub:** View Code

## EDUCATION

- **BSc in Mathematics & Computer Science** – Kenyatta University *(Completed, Graduation Dec 2025)*

- **Certificate in Software Testing** – PLP Academy *(Completed, Certification Dec 2025)*

## SOFT SKILLS

- Analytical Thinking & Problem-Solving
- Clear Communication & Documentation
- Attention to Detail
- Team Collaboration in Agile Environments
- Adaptability & Fast Learning