

# Grace Oyelaran

Software Development Engineer in Test (SDET)

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## SUMMARY

SDET with 5 years of experience writing test code for insurance and education platforms. Develops Java test frameworks with TestNG, JUnit, Cucumber and Selenium, covers services through API testing and adds test stages to Jenkins pipelines. Reviews developer code in Git and treats test code with the same care as product code.

## SKILLS

Java • Selenium • TestNG • Cucumber • JUnit • API Testing • Postman • Jenkins • Git • SQL

## EXPERIENCE

### Software Development Engineer in Test (SDET)

03/2023 - Present

Back Bay Insurance Technologies

Boston, MA

*Policy and billing software for 40 property insurers, built by 6 agile teams.*

- Develop Java test services with TestNG and REST Assured covering **180** policy and billing APIs.
- Write Cucumber scenarios with product owners for 40 user stories each quarter, keeping specs and tests in sync.
- Set up Jenkins test stages so every pull request runs 1,500 checks in under 20 minutes.
- Review developer code in Git and pair on JUnit tests, raising service coverage from 55% to 80%.

### Software Engineer in Test

06/2021 - 02/2023

Fenway Learning Systems

Boston, MA

*Course and grading platform used by 90 colleges.*

- Automated 700 Selenium UI tests in Java for the course and grading platform across 3 browsers.
- Converted 200 manual Postman checks into automated API suites that ran nightly before standup.
- Wrote SQL checks on grade and enrollment data before every release during peak term start weeks.
- Reduced escaped defects by 35% in one year by adding a regression test for each bug fixed.

### Software Engineering Co-op

01/2020 - 06/2020

Seaport Health Analytics

Boston, MA

*Co-op semester on a data reporting team.*

- Wrote 120 JUnit tests for a reporting service and fixed 9 bugs they exposed.
- Documented test setup steps that cut new developer onboarding from 3 days to 1.
- Added the reporting service tests to the team's Jenkins build so failures blocked merges.

## EDUCATION

### Bachelor of Science

05/2021

Northeastern University

Boston, MA

Computer Science

## CERTIFICATES

### ISTQB Certified Tester Foundation Level (CTFL)

American Software Testing Qualifications Board

11/2021