

Melissa Fairbanks

SENIOR QA ENGINEER

📍 Denver, CO

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Certificates

ISTQB Advanced Level Test Analyst (CTAL-TA)

American Software Testing Qualifications Board

04/2021

Skills

Test Automation • Playwright

Cypress • TypeScript • Selenium

Java • Postman • CI/CD Pipelines

SQL • Jira

Summary

Senior QA engineer with 9 years of experience in test automation for SaaS and e-commerce products. Builds Playwright, Cypress and Selenium suites in TypeScript and Java, sets quality gates in CI/CD pipelines and mentors QA engineers. Plans test strategy with product and engineering leads so releases ship on time with fewer escaped defects.

Experience

Senior QA Engineer

02/2022 - Present

Cherry Creek Software

Denver, CO

Scheduling SaaS for 3,500 outpatient clinics, with 3 product squads.

- Lead test automation for the scheduling platform, mentoring **4** QA engineers across 3 squads.
- Moved 1,800 Selenium tests to Playwright and TypeScript, cutting suite runtime from 90 to 22 minutes.
- Set quality gates in CI/CD pipelines that stopped 60 regressions from reaching production last year.
- Plan test strategy with product and engineering leads for each quarterly roadmap and its riskiest features.

QA Engineer

06/2019 - 01/2022

Platte River Commerce

Denver, CO

Online storefront platform with \$40M in yearly sales.

- Built a Cypress suite of 900 tests for the checkout, cart and account flows of the storefront.
- Automated Postman API checks for 70 endpoints and ran them nightly in Jenkins with Slack alerts.
- Cut escaped defects by 45% over 2 years by adding risk-based regression checklists to each release.
- Tested 3 payment provider integrations end to end before the busiest holiday seasons.

Junior QA Engineer

06/2017 - 05/2019

Boulder Data Works

Boulder, CO

Media analytics web app for publishers.

- Wrote Java Selenium tests and SQL data checks for 25 reporting screens.
- Logged and retested 400+ defects in Jira across 20 releases.
- Updated the regression test library as 6 new report types launched.

Education

Bachelor of Science

05/2017

Colorado State University

Fort Collins, CO

Computer Science