

Jack Duck

Senior QA Engineer

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QA lead keeping releases trustworthy by blending automation, exploratory testing, and data-driven risk calls.

- ✓ Designs pragmatic test strategies that balance UI, API, and contract coverage.
- ✓ Builds and maintains CI-integrated automation for regression, smoke, and performance suites.
- ✓ Coaches teams on quality gates, defect triage, and clear acceptance criteria.



Cypress

Playwright

Postman

JMeter

🛠 Skills & Tools

Automation

Playwright/Cypress UI

API tests (REST/GraphQL)

Contract tests & stubs

CI smoke/regression

Perf: JMeter/k6

Selenium

CI/CD pipelines

Cloud infrastructure

Docker / K8s

GitHub Actions

Strategy

Risk-based planning

Exploratory charters

Release readiness

Defect triage/RCA

Acceptance criteria

Test architecture

Quality Ops

Agile QA

Metrics & dashboards

Go/no-go checklists

Bug reports & RCA

Monitoring & logs

DORA metrics

Splunk

Grafana

SonarQube

💼 Experience

Senior QA Engineer (DuckDuckGo)

09.2022 - Present

- Owns quality strategy for privacy-focused web and mobile releases, aligning test depth to risk and release cadences.
- Leads Playwright/Cypress automation for regression and smoke suites, cutting manual release validation time by 45%.
- Introduces contract testing and API stubbing to stabilize CI pipelines and reduce flaky failures.
- Facilitates defect triage, RCA, and prevention actions across squads, improving escaped defect rate quarter over quarter.

QA Engineer (QuackOverflow Solutions)

08.2019 - 08.2022

- Designed and executed API and UI test plans for a high-traffic community platform, covering happy paths and edge cases.
- Implemented Cypress-based regression packs and integrated them with GitLab CI to guard critical user journeys.
- Partnered with product to refine acceptance criteria and ensure stories were testable and observable.
- Documented defects with clear reproduction steps, logs, and impacted scope to accelerate fixes.

- Executed manual regression and exploratory testing across web and backend services using structured charters.
- Built initial Postman collections and data sets to speed up API validation and smoke checks.
- Supported release sign-offs by verifying fixes, running smoke suites, and maintaining test documentation.

Projects

Flaky-Free CI Initiative

Audit and refactor E2E suites to eliminate flaky tests, introducing contract tests, better waits, and test data isolation.

Technologies: Playwright, Cypress, GitHub Actions, Pact, Docker

Link: github.com/jackduckdev/flaky-free-ci

Performance Guardrails

Performance testing harness that runs nightly JMeter/k6 checks with budgets and alerts for critical APIs.

Technologies: JMeter, k6, TypeScript, Grafana, Prometheus

Education

Quality Assurance Engineering (*Postgraduate studies*)

10.2018 - 07.2019

Quackow University of Science and Technology

Computer Science (*Bachelor of Science*)

10.2013 - 06.2017

Mallard Institute of Technology (MIT)