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.*

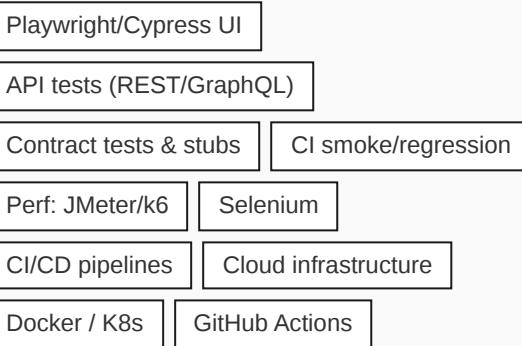✅ *Coaches teams on quality gates, defect triage, and clear acceptance criteria.*
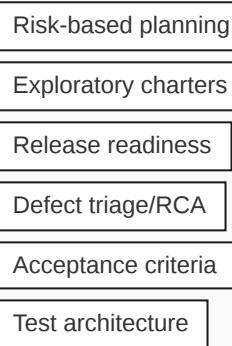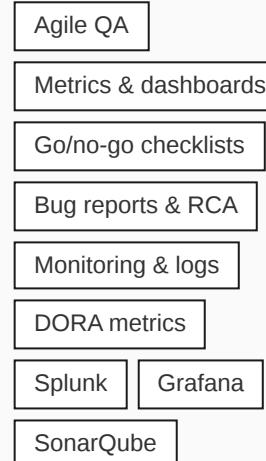
Cypress   *Playwright*   *Postman*   *JMeter*

🛠 Skills & Tools

Automation	Strategy	Quality Ops
Playwright/Cypress UI	Risk-based planning	Agile QA
API tests (REST/GraphQL)	Exploratory charters	Metrics & dashboards
Contract tests & stubs CI smoke/regression	Release readiness	Go/no-go checklists
Perf: JMeter/k6 Selenium	Defect triage/RCA	Bug reports & RCA
CI/CD pipelines Cloud infrastructure	Acceptance criteria	Monitoring & logs
Docker / K8s GitHub Actions	Test architecture	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.

Junior QA Analyst (Mallard Labs)   **07.2017 - 07.2019**

- 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)*
Quackow University of Science and Technology

10.2018 - 07.2019

Computer Science *(Bachelor of Science)*
Mallard Institute of Technology (MIT)

10.2013 - 06.2017