

Adam Kowalski

QA Engineer

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QA engineer with five years of experience in both manual and automated testing across e-commerce and financial services. Currently maintaining a test suite of 2,800 automated tests at a payments company. I think of testing as building confidence in the product, not just finding bugs.

EXPERIENCE

QA Engineer, FNZ Group, Edinburgh

Aug 2022 – Present

Responsible for quality across the wealth management platform serving 14 million end investors.

- Built and maintain an automated test suite of **2,800 tests** using Cypress and Playwright — runs in 18 minutes on CI
- Reduced production bugs by **47%** year-on-year by introducing contract testing between 12 microservices using Pact
- Created a performance testing framework with **k6** — identified a memory leak that would have affected 340,000 users during year-end statement generation
- Wrote the team's QA strategy document covering test levels, environments, and release criteria — adopted across 3 squads

Junior QA Engineer, Skyscanner, Edinburgh

Sep 2020 – Jul 2022

Tested the hotel search and booking flow across web and mobile platforms.

- Automated **420 regression tests** in Cypress, replacing a manual regression cycle that took 3 days
- Found and reported **86 bugs** in the first 6 months, including a pricing display error that affected 12,000 search results per day
- Introduced visual regression testing with **Percy** across 34 key pages — caught 23 UI regressions before they reached production

QA Intern, FanDuel, Edinburgh

Jan 2020 – Jun 2020

Six-month placement testing the sportsbook platform during a period of rapid growth.

- Executed **600+ manual test cases** across iOS, Android, and web for the live betting feature
- Wrote **45 automated API tests** in Python (requests + pytest) for the odds feed service

EDUCATION

BSc (Hons) in Software Engineering, Edinburgh Napier University, Edinburgh

Sep 2016 – Jun 2020

Upper Second Class Honours (2:1). Final year project on *automated visual regression testing for responsive web applications*.

SKILLS

Cypress & Playwright, Selenium WebDriver, JavaScript & TypeScript, Python (pytest), API Testing (Postman, REST Assured), Performance Testing (k6, JMeter), Contract Testing (Pact), SQL (PostgreSQL), Git & CI/CD (Jenkins, GitHub Actions), Jira & TestRail

CERTIFICATIONS

ISTQB Certified Tester – Foundation Level, ISTQB

Nov 2020

ISTQB Certified Tester – Advanced Level Test Automation Engineer, ISTQB

Apr 2023

LANGUAGES

English (native), Polish (fluent)

PROJECTS

Contract Testing Implementation – FNZ Group

Jan 2023 – Aug 2023

Introduced consumer-driven contract testing across the platform's microservice architecture.

- Set up **Pact broker** and wrote contracts between 12 services and their consumers
- Caught **31 breaking API changes** before they reached integration environments in the first 6 months
- Production integration bugs dropped by **47%** year-on-year

Automated Regression Suite – Skyscanner

Jan 2021 – Apr 2022

Built the automated regression suite for the hotels vertical from scratch.

- Wrote **420 Cypress tests** covering search, filtering, booking, and payment flows
- Replaced a 3-day manual regression cycle with a **40-minute automated run**
- Test suite ran on every PR — blocked **89 regressions** from reaching staging in the first year

REFERENCES

Fiona MacLeod, QA Lead, FNZ Group, fiona.macleod@fnz.com, +44 7700 900 143

Ben Torres, Engineering Manager, Skyscanner, ben.torres@skyscanner.net, +44 7700 900 267

EXTRA CURRICULAR ACTIVITY

Speaker – Scottish Testing Meetup

Jun 2023

Regular speaker at the Edinburgh-based testing community meetup. Gave talks on contract testing with Pact and on building a test strategy from scratch. Typical audience of 25-40 testers.

Volunteer – Prewired Edinburgh

Sep 2022

Help at weekly coding sessions for young people aged 9-17. Teach basics of programming and help with Scratch and Python projects.