

Daniel Wilson

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PROFILE · QUALITY IS EVERYONE'S RESPONSIBILITY

Senior software test engineer and developer: testing software since 2009 and writing code for over ten years, across finance, insurance, retail, gaming and estate agency. I work in Ruby on Rails, React and AWS day to day, build and ship my own products on Cloudflare and Supabase, and use agentic coding tools (Claude Code) as part of how I build and test. Published author on testing, now writing about testing in the age of AI.

- Cut shipped defects at NewDay from three per deployment to one a year.
- Tested the Argos digital browser that replaced in-store catalogues, saving Home Retail Group over £16m a year.
- Top contributor to and maintainer of internal test tooling used by around 90 engineers across 15 teams, cutting policy setup from about 5 minutes to 20 seconds.
- Led and managed testers in-house and offshore (teams of four and six to eight), and mentored mid-level test engineers at Simply Business for around five years.

WRITING AND COMMUNITY

- **Signal & Noise: Software Testing in the Age of AI** (in progress, around 70,000 words drafted). How testing changes when code is written with AI.
- **The Book On Software Testing: A Guide for Non-Testers** (hardcover, December 2025). A jargon-free guide for Product Owners, Project Managers, Business Analysts and developers who work with testers.
- Elected moderator, Software Quality Assurance & Testing Stack Exchange.

EXPERIENCE

Simply Business

SENIOR SOFTWARE TEST ENGINEER (TEST COACH) · MOORGATE · JUNE 2019 TO PRESENT

- Working as the team's test coach: I own code quality for a squad building the apps UK and US policyholders use to manage their policies, across functional and non-functional testing, test strategy, plans and cases.
- Maintainer and top contributor to the company-wide internal testing tools repo, used by around 15 teams (roughly 90 engineers) across the UK and US to create policies, backdated policies and customer accounts without going through the frontend. A policy takes about 20 seconds through the tools instead of around 5 minutes through the frontend.
- Built an AI-first way of working with Claude and Copilot for test plans, test cases, pull requests and code reviews, so most routine quality work is AI-assisted and my time goes on judgement.
- Mentored mid-level test engineers for around five years.
- Own the BrowserStack relationship for cross-browser and cross-device testing, which I introduced. Run walkthroughs, demos and the fortnightly test council.
- Tested One Time Code login, Renewal Fee and the US Customer Account. Scribe on several major incidents.
- Stack: Ruby on Rails, React, JavaScript, AWS, Docker, GitHub, Jenkins CI, New Relic, Cypress, BrowserStack. Team of the Year 2019.

NewDay

CREDIT RISK TESTING SPECIALIST · KING'S CROSS · JANUARY 2018 TO JUNE 2019

- Tested the decision systems for own brands (Aqua, Fluid, Marbles, Opus) and co-brands (Amazon, AO, Argos, Topshop).
- Cut shipped defects from three per deployment to one a year. Key out of hours contact for Experian and Provenir.

Connells Group

SENIOR TEST ANALYST · DUNSTABLE · JULY 2017 TO JANUARY 2018

- Led four test analysts across connells.co.uk, sequence.co.uk, hatched.co.uk and a company-wide Windows 10 upgrade.
- Helped the move from Waterfall to Agile; introduced cross-browser and cross-device testing.

Cabot Credit Management

CONTRACT QA LEAD · BRACKLEY · JANUARY 2017 TO JULY 2017

- System, integration and UAT coordination for a re-platforming that brought several businesses onto one system.
- Tested Direct Debit, AUDDIS and BACS migration; trained around 15 business users in exploratory testing and UAT.

Elevate

CONTRACT SENIOR QA · COVENT GARDEN · APRIL 2015 TO OCTOBER 2016

- sunny.co.uk across payments, customer experience and risk teams; managed six to eight offshore testers.
- Selenium IDE regression automation; interviewed QA analysts. Elevate Credit International Team of the Year 2015.

Oakam

CONTRACT LEAD TEST ANALYST · TOTTENHAM COURT ROAD · NOVEMBER 2014 TO MAY 2015

- Led QA for a small team, keeping changes FCA compliant through the rate cap, affordability checks and redress.

Think Finance

TEST ANALYST · COVENT GARDEN · DECEMBER 2012 TO OCTOBER 2014

- Underwriting and verification testing on quid.co.uk and sunny.co.uk; SIT, UAT and offshore regression scripts.

Software Quality Systems

CONSULTANT · MOORGATE · JULY 2011 TO JUNE 2013

- Home Retail Group: the Argos digital browser that replaced in-store catalogues, saving over £16m a year.
- Gala Coral: a revenue protection system. Rated "Excellent" with 100% positive client feedback.

SEGA Europe

FUNCTIONALITY TESTER · CHISWICK · MAY 2009 TO SEPTEMBER 2009

- Functional testing of AAA titles through pre-alpha, alpha and beta.

BUILDING

- **Insound** (getinsound.com): founder and sole engineer of a direct-to-fan music platform. Next.js, Supabase, Cloudflare Workers, Stripe Connect payments and Resend email. Diagnosed and fixed a production egress spike (crawlers pulling full-size images) with a Cloudflare cache Worker and WebP derivatives, cutting daily egress around 400 times.
- **Little Oceans**: my web design studio. I design, build, test and deploy hand-coded websites for paying small-business clients in Bedfordshire.
- **danielwilson.pages.dev**: this CV's companion site. Hand-coded, with Playwright end-to-end tests on desktop and mobile, a throttled-phone performance test, and a strict content security policy.

TOOLING

CI and observability: GitHub Actions, Jenkins, New Relic. Testing: Playwright, Cypress, BrowserStack. AI: Claude Code, GitHub Copilot.

QUALIFICATIONS

- 2016: BCS Foundation in Business Analysis (FCBA)
- 2015: BCS ISTQB Intermediate in Software Testing (ICST)
- 2011: BCS ISTQB Foundation in Software Testing (CTFL)
- 2009: BA (Hons) Digital Music & Computer Games Design, 2:1