Steven Boutcher
Principal QA Automation Engineer
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QA Automation Engineer obsessed with turning complexity into clarity. I build robust test infrastructure and processes that make software bulletproof. Driven to elevate software quality through smarter automation, AI-powered testing, and processes that accelerate results without compromising reliability. Known for shrinking test cycles, expanding automation coverage, and empowering teams to deliver with confidence

Professional Experience:

Immunefi
QA Automation Lead
Feb 2024- Dec 2025
Joined a fast-growing web3 startup to scale QA efforts, drive new security product launches, and broaden automation coverage across the team's workflow using TypeScript, Playwright, and Jest.

- Re-architected CI/CD test execution pipeline, leveraging a 4-job matrix workflow and Playwright's sharding to parallelize E2E and API tests. This initiative reduced full test suite runtime by 33% (from 15 min to 10 min), significantly accelerating CI feedback cycles.
- Reduced API test suite runtime by 87% (4 min to 30 sec) in 1 month by removing the Playwright browser dependency & extending Playwright to provide a better DX for test development & debugging.
- Built a custom Slack reporter leveraging Playwright's Reporter class, TypeScript, and Redis to consolidate data from matrix CI runs, providing the team and management fast feedback and unprecedented visibility on all test failures.
- Leveraged Cursor AI to scale API and unit test suites, build a Slack reporter for E2E/API tests, fix API bugs during test development, and generate framework documentation and starter test plans from code diffs, enabling faster test planning, knowledge sharing, and more efficient QA execution.
- Drove a 40% increase in E2E Playwright (TypeScript) test coverage within 6 months through close collaboration with development teams, which significantly reduced regression testing efforts and boosted developer confidence in deployments.
- Responsible for PR Reviews, the top-performing product on the Magnus security platform, by building and maintaining a Jest test suite for its web app while navigating the complexity of GitHub integration and constraints around end-to-end and API testing – also developed its product landing page in collaboration with the Product & Marketing teams

Trek Bicycle
QA Automation Engineer II
Nov 2022-Feb 2024
Joined Trek's emerging IoT software effort to build desktop and mobile UI test automation from the ground up using TypeScript, providing stability for new eBike diagnostic software and B2C mobile apps

- Built the team's mobile and desktop (Electron.js) test automation, CI workflows, and reporting infrastructure using Playwright (TypeScript), WebdriverIO (TypeScript), and Azure DevOps Pipelines.
- Expanded automated UI test coverage from 0 to 35% of regression test cases for a business-critical desktop app used by Trek's service technicians.
- Increased my team's automated API test coverage using Specflow (C#).

[Fetch](#)
Oct 2019-Nov 2022
Brought on during Fetch's hypergrowth to strengthen QA at a leading consumer rewards platform, combining product expertise with automation-ready technical skills to support new feature testing and expand automation coverage across mobile and microservices

QA Automation Engineer (Feb '21-Nov '22)
- Improved platform reliability for anti-fraud features by expanding UI and API test coverage, reducing manual testing effort and increasing confidence in release quality.
- Built a test reporting workflow that automatically linked failures to Jira issues, giving teams clearer visibility into defects and accelerating communication.
- Upgraded team automation capacity by training a manual QA into a fully contributing SDET, strengthening long-term QA scalability.

Frontend Engineer, Apprentice (Feb '22-Jun '22)
- Improved e-commerce web-scraping tools, boosting performance by 300%, and contributed to internal dashboard and B2B site development.
- Frontend wasn't my cup of tea, so I transitioned back into QA automation initiatives, continuing to co-manage and supervise the SDET Apprenticeship Program I co-founded, and continuing to expand UI and API test coverage across web and mobile applications.

Client Support Specialist (Oct '19-Mar '20)
- 6-month stint learning the business by troubleshooting and resolving hundreds of Zendesk tickets
- Networked into my first QA role, partially due to proactively triaging a bug found by a few of our users and escalating it to the Engineering team, which was beyond the call of duty for my role

Engineering Stack:
- QA & Testing: Playwright, WebDriverIO, Appium, JMeter, Mocha, Pytest, Postman
- CI/CD & DevOps: Azure DevOps, GitHub Actions, Azure Logic Apps, Firebase, Supabase
- Languages: TypeScript, JavaScript, Ruby, Python, SQL
- Web Development: React, Vue.js, Next.js
- AI & Automation Tools: ChatGPT, Claude, Gemini, Cursor, Bolt, v0

Education & Community Leadership:
- University of Wisconsin, Whitewater: Bachelor of Science in Education; Spanish Teaching
- Bootcamp: freeCodeCamp.org
- Founder, Social QA: https://www.stevenqa.com/bootcamp/
  - *Fueled by a passion for teaching and elevating QA talent, I launched Social QA, a hands-on training and content brand focused on automation skills, AI workflows, and professional visibility. Generated $3.6K in revenue through courses and digital products, grew an audience of 500+ subscribers, and mentored learners into their first QA roles and certifications, including through products like AWS Cert Smasher, QA Job Magnet, and Social QA Bootcamp.*