

Kacper Mrochen

QA Engineer

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SUMMARY

Automation engineer with three years of hands-on QA/test-automation expertise, ISTQB certified. AI agents and LLM tooling are a standard part of my workflow — used to move faster on repetitive automation work while judgment calls stay mine. I bring a security and DevOps lens to whatever I'm testing, checking that a control is actually verified rather than assumed. I plan before I build: in Agile/Scrum teams I start from a spec, and the same habit shows up in testing, where I look for the negative case that proves a check is doing something before I trust a green result. A prior front-end background means I set up and debug my own test environments independently, and know precisely what to ask a developer for when something falls outside my scope.

EXPERIENCE

QA Engineer — Autodesk Inc., Kraków

October 2025 – Present

- Finished an in-progress Cypress→Playwright e2e migration inherited from a departed teammate, standing up the CI pipeline and Docker environment for the new framework end-to-end and consolidating overlapping/duplicate scenarios along the way.
- Surfaced an overlooked microfrontend migration gap and designed the migration and testing strategy, increasing container coverage.
- Root-caused flakiness in 6 tests, escalating the follow-up for the appropriate development team.
- Closed a gap in C++ test automation coverage, enabling full-lifecycle smoke testing — since expanded toward regionalization and release-readiness testing to cut manual QA effort.
- Executed release-readiness test runs, flagging and fixing unclear manual testing steps.
- Adopted a project-wide spec-driven development initiative into daily QA work.
- Proposed and helped build an internal AI-native tooling initiative: a plugin marketplace for specialized agents, skills, and rules.
- Automated security patching via Dependabot across maintained projects and enforced private mode in Cursor company-wide after identifying a sensitive-data exposure risk.
- Wrote the onboarding guide for the next hire, documenting the environment and access setup I'd had to work out independently.

Junior Frontend Developer and Automation Tester — Baza Skolimów Sp. z o.o., Remote

December 2022 – December 2024

- Built and maintained automated tests with Selenium (Python/Pytest) and Playwright (TypeScript, Python) across e-commerce platforms and news portals (VCPlayer.com, Natemat.pl, Medme.pl).
- Built a visual regression framework (Percy.io) to catch unintended UI changes during site redesigns.
- Integrated test scripts into the CI/CD pipeline, contributing to reduced deployment time.

PROJECTS

Security Hardening Pipeline — production CI/CD security gates | 2026

Added automated security gates (secrets detection, dependency scanning, SAST, hardened headers, DAST) as required checks in a live production deployment pipeline. Full write-up: [LINK]

Test Automation Framework — Playwright + TypeScript | Aug 2025 – Present

Custom UI test framework using the Page Object Model, integrated with GitHub Actions for CI execution.
github.com/KacperMrochen/playwright-typescript

Test Automation Framework — Selenium + Python (Pytest) | Apr 2025 – Present

Modular framework with POM, Pytest reporting, Docker-based reproducible environments, integrated into CI/CD.
github.com/KacperMrochen/selenium-pytest

EDUCATION

WSB Merito – Wrocław — Computer Science: Data Science & AI (Engineering studies) | October 2025 – Present

Zespół Szkół Ponadgimnazjalnych w Zawadzkiem im. Mieszka I — IT Technician (Technical Secondary School) | September 2018 – April 2022

CERTIFICATIONS

ISTQB Certified Tester Foundation Level — June 2025

SKILLS

- Programming:** Python, TypeScript, JavaScript, SQL (basic)
Security tooling: Semgrep (SAST), Dependabot, Gitleaks, OWASP ZAP (DAST)
Testing tools: Playwright, Selenium, Postman
Other tools: Git, Jenkins (CI/CD), Docker, Jira, Confluence
Languages: Polish (native), English (B2)