

Dmitrii Pokhilenko

Senior QA Automation Engineer (Python, Playwright) | SDET

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Work Authorization: Open to remote roles across EU/US time zones

Summary

- 7+ years as a QA Automation Engineer / SDET in enterprise FinTech and HealthTech environments
 - Architected and scaled Python-based UI/API automation frameworks using Playwright and Cypress
 - Reduced a 2-day manual regression cycle to a fully automated 1-hour run through custom CI/CD pipeline in GitLab
 - Skilled in AI tools (GitHub Copilot, Cursor AI) to boost test development and reduce boilerplate
 - Experienced in team enablement, cross-functional collaboration, and full-cycle QA strategy
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Technical Skills

Python | Playwright | Cypress | PyTest | JavaScript | Selenium WebDriver | Appium | REST API | CI/CD | GitLab CI | GitHub Actions | Jenkins | Docker | PostgreSQL | Test Automation | BDD (Cucumber, Gherkin) | Jira | Allure | Zephyr Scale | API Testing | Cross-Browser Testing | Cross-Platform Testing

Professional Experience

Software Development Engineer in Test (SDET) – *Confidential FinTech Client (Contract via Akvelon)* - Aug 2023 – Jun 2025

- **Slashed** a 2-day regression cycle to a 1-hour automated run by designing a Python-based UI/API test framework with GitLab CI
- **Architected** a unified Playwright + pytest mono-repo to consolidate test automation across 3 teams and eliminate suite fragmentation
- **Migrated** 200+ legacy tests from Postman and Cypress to Python, reducing test maintenance overhead by ~15 hours/week
- **Prevented** data bugs by integrating a Pydantic validation layer from Swagger/OpenAPI schemas, enforcing API contract compliance
- **Accelerated** development by embedding GitHub Copilot and Cursor AI into test creation, standardizing structure and reducing manual effort
- **Integrated** CI results with Zephyr Scale for transparent, real-time reporting accessible to engineers and product stakeholders

Software Development Engineer in Test (SDET) – *GuardantHealth (Contract via Akvelon)* - Aug 2021 – Aug 2023

- **Refactored** Cypress and pytest test suites by introducing shared helpers, cutting ~5,000 lines of redundant code
- **Optimized** end-to-end flows and reduced test runtime by ~10%, stabilizing overnight regression pipelines
- **Uncovered** critical edge-case bugs through strategic exploratory testing, improving coverage in regulated HealthTech scenarios
- **Ensured** full V&V (Verification & Validation) compliance by maintaining traceable coverage in JAMA

QA Automation Engineer (Mobile) – *Spalmalo (DoshCredoBank – “DCB360” App) (Contract)* - Mar 2021 – Jun 2021

- **Built** a mobile test automation framework (Ruby, Appium, Cucumber) for iOS and Android banking features
- **Configured** cross-platform infrastructure (Xcode, Android Studio/ADB) and implemented reusable step definitions
- **Established** QA process in Qase.io with full traceability for mission-critical banking workflows

QA Automation Engineer – *RubyCluster (GymCloud) (Project-based)* - Jan 2021 – Mar 2021

- **Delivered** a Cypress-based automation framework for GymCloud, supporting dynamic workout plans and responsive UI
- **Implemented** a CI pipeline using Bitbucket + Codeship CI + Docker for fast feedback and integration

QA Engineer – *MadDevs (Teacherly Platform)* - Jul 2020 – Feb 2021

- Sole QA for a collaborative EdTech web platform; conducted full manual coverage across features
- Led functional, regression, **cross-browser**, and **cross-platform testing**; implemented QA documentation and reporting via Jira + Slack

QA Engineer – *Mavix (Multiple Client Projects)* - Feb 2018 – Jul 2020

- **Introduced** automation to several web apps using Cypress and Selenium WebDriver, replacing manual test cycles
 - **Owned** QA across 5–10 dev teams per project, from requirements review to deployment
 - **Integrated** tests with CI/CD via GitLab CI and GitHub Actions; documented coverage in Confluence
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Education

B.Sc. in Computer Science, International Alatau University – Bishkek, Kyrgyzstan (2016)

Languages

- English – Full Professional Proficiency (C1)
 - Russian – Native
 - Kyrgyz – Full Professional Proficiency
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