

DENIS SKVORTSOV

QA Automation Engineer/QA Tech Lead

As a QA Automation Engineer/SDET, I focus on improving test automation workflows and enhancing CI/CD pipelines. I specialize in end-to-end testing using Playwright and Cypress with TypeScript/JavaScript and Python, working to optimize test processes for efficiency and reliability. I actively collaborate with cross-functional teams and contribute to integrating automation throughout the software development lifecycle (SDLC). I'm committed to delivering high-quality software through thoughtful engineering practices and continuous improvement.

EMPLOYMENT HISTORY

SENIOR QA AUTOMATION ENGINEER → QA LEAD (TECHNICAL & MANAGEMENT)

Sep 2025 – Present

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Responsibilities

- ◆ Owned the QA strategy across architecture, CI/CD, automation, infrastructure, and team leadership
- ◆ Worked with PMs and engineering on new features, acting as the voice of quality
- ◆ Led the full hiring process for QA engineers—from sourcing to final hiring decisions
- ◆ Drove AI-powered testing: autonomous agents, AI-assisted test authoring, and automated failure analysis
- ◆ Owned features end-to-end—from design and implementation to testing

Achievements

- ◆ Established the entire QA function as the company's first and only QA, supporting a product with 500k+ MAU and 50k+ new paying users every month
- ◆ Architected the test framework using TypeScript and Playwright; built a custom CLI for test execution
- ◆ Implemented CI/CD in GitHub Actions with parallel Playwright runs, release validation, and automated reporting
- ◆ Set up test infrastructure on Google Cloud and Firebase, including monitoring, metrics, logs, and BetterStack observability
- ◆ Implemented E2E, API, and visual regression testing with Argos CI and Allure TestOps
- ◆ Developed an AI-powered staging triage system that automatically analyzed failures and suggested fix hypotheses, enabling uninterrupted releases
- ◆ Introduced autonomous AI testing agents capable of exploring product behavior beyond predefined scenarios
- ◆ Rolled out AI-assisted test authoring, significantly accelerating automation development and onboarding
- ◆ Created evaluation suites for AI features, validating extraction accuracy, hallucination rates, and output consistency

SENIOR QA AUTOMATION ENGINEER → LEAD AQA ENGINEER

Aug 2023 – Aug 2025

Toloka

Serbia, Belgrade

- ◆ Developed and executed e2e tests using Playwright to ensure comprehensive coverage of critical application features.
- ◆ Built and maintained automated backend test suites using Python, Pytest and Playwright to validate service-to-service interactions and API responses
- ◆ Optimized automated testing processes to align with evolving product requirements and improve efficiency.
- ◆ Built and maintained CI/CD pipelines to support rapid deployment cycles and enhance testing stability.
- ◆ Analyzed and refined testing methodologies, ensuring reliability and alignment with project timelines.
- ◆ Defined automation testing strategies to meet project goals, enabling effective planning and execution.
- ◆ Led the AQA team, mentoring junior members and fostering best practices in automation.
- ◆ Collaborated with development, QA, and product teams to define testing strategies tailored to product needs.
- ◆ Supported the integration of e2e testing into frontend workflows, establishing clear guidelines for test creation.
- ◆ Managed the testing infrastructure to ensure scalability, robustness, and alignment with CI/CD requirements.

Achievements:

- ◆ Designed and configured CI/CD pipelines, automating tasks to improve release speed and stability.
- ◆ Developed a selective test execution mechanism for microservices.
- ◆ Introduced test analytics, identifying bottlenecks and improving test reliability.
- ◆ Streamlined collaboration between QA and AQA teams, boosting team efficiency and process alignment.

SENIOR QA ENGINEER (MANUAL/AUTOMATION)

Dec 2021 – Aug 2023

Yandex

Moscow, Russia

- ◆ Developed and maintained e2e automated tests using Cypress, improving test coverage and efficiency.

- ♦ Designed automated test scenarios for critical functionalities, ensuring stability during releases.
- ♦ Conducted code reviews for automation scripts, maintaining high-quality and consistent coding practices.
- ♦ Launched and analyzed automated test results, identifying and resolving issues to enhance reliability.
- ♦ Integrated automation testing into the regression process, reducing manual effort and release time.
- ♦ Performed functional, UI, and backend testing to ensure product quality.
- ♦ Designed test cases, checklists, and test plans for comprehensive coverage of features.
- ♦ Acted as a release manager, overseeing deployments and ensuring smooth rollouts.
- ♦ Documented and localized bugs, facilitating effective communication with developers.
- ♦ Collaborated with development, analytics, and design teams to optimize workflows and improve product quality.

Achievements:

- ♦ Played a key role in launching Yandex's new main page, providing both manual and automated testing support.
- ♦ Introduced a duty process for automation testing, ensuring consistent monitoring and quick issue detection.

QA ENGINEER (MANUAL/AUTOMATION)

Mar 2021 – Dec 2021

Sberbank

Moscow, Russia

- ♦ Developed and maintained automated e2e tests, ensuring reliability and relevance.
- ♦ Regularly updated automated tests to align with system updates and requirements.
- ♦ Analyzed and debugged automated test results to improve test accuracy and coverage.
- ♦ Conducted functional testing of developed systems to ensure product quality.
- ♦ Designed test cases and analyzed test coverage to identify gaps.
- ♦ Documented and localized defects, collaborating with developers for resolution.
- ♦ Evaluated product quality through requirement analysis and detailed documentation reviews.

QA ENGINEER (MANUAL)

Sep 2020 – Mar 2021

Robokassa

Moscow, Russia

- ♦ Analyzed service requirements to ensure testability and alignment with business goals.
- ♦ Designed and maintained test cases and scripts for functional and regression testing.
- ♦ Conducted test execution, identifying and localizing defects, and collaborating with developers to resolve issues.
- ♦ Contributed to the development process by analyzing the testability of proposed solutions and advocating for the use of TDD (Test-Driven Development) within the team.
- ♦ Supported the creation and maintenance of a product knowledge base, ensuring easy access to key information for technical support and stakeholders.
- ♦ Collaborated with technical support teams to exchange knowledge and address product-related issues efficiently.

EDUCATION

ENGINEER RAILWAYS

Moscow State University of Transport (MIIT)

Sep 2015 – 2022

Moscow, Russia

SKILLS

Playwright, Cypress, Javascript, Typescript, Selenium, Hermione, Allure, GitHub Actions, GitHub, Kibana, Mocha, Argos, Firebase, Vercel, Python

LANGUAGES

Russian, English