

# Mikhail Yakushev

Lead QA Engineer/SDET

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Lead QA Engineer / SDET with 15+ years of experience in building test automation frameworks from scratch, leading QA teams, and ensuring high product quality in complex environments. ISTQB and Oracle-certified. Strong expertise in Playwright, Java/Kotlin, CI/CD pipelines, and Agile practices.

## EXPERIENCE

### Lead QA Engineer

TheBricks Inc, San Francisco, CA

Jan 2022 - Present

- Built automated testing system from scratch using **Playwright + TS** (including **REST API** automation, mocking); increased automation coverage from 0% to ~90%.
- Reduced release cycle from once in two weeks to daily by covering e2e regression testing with automation tests and integrating it into **CI/CD pipelines (Github Actions, Docker)**
- Integrated **AI testing** approaches into regular test automation to check non-deterministic features of the AI-based application (~50% of all functions of the app are AI-based with non-deterministic outputs)
- Full responsibility for all QA processes in the company (16 teammates in our startup), including testing approaches, test strategies, standards, integration of best practices across the product, leading and mentoring QA team of 4 engineers
- Proceeded QA and release engineering responsibilities (control full release flow, e2e regression validation, versioning and production deployments using CI/CD pipelines)
- Technologies: **Typescript(TS), Playwright, Docker, REST API, Swagger, JSON, Jira, Git (Github Actions), Allure Reporting, Devtools, Sentry, LLMs**

### Senior QA Automation Engineer

Deutsche Bank, Berlin

Aug 2020 - Jan 2022

- Performed **functional, integration, regression, database (Oracle), REST API, and UAT** testing of a regulatory reporting system.
- Developed and maintained automation frameworks and tests using **Java/Kotlin** and **Cucumber**.
- Implemented mock simulators based on **Spring MVC**, reducing dependency on external systems by ~90%.

### Senior QA Automation Engineer

Amaiz Software, London

Jun 2018 - Jun 2020

- Worked in Agile environment (Kanban), closely collaborating with development and product teams.
- Performed functional, integration, regression, database (**PostgreSQL**), **REST API** (using **Postman**), and exploratory testing for banking backend systems, based on microservices architecture.
- Developed automated tests/solutions using **Java, Python, Cucumber**, and **Selenium** (backend **API** tests coverage is ~99%).
- Analyzed requirements and created test plans, test cases, and test scenarios based on business use cases.
- Creation, reviewing and execution of manual test cases based on features, described in **Confluence**
- Improved QA processes, reducing regression testing time.
- Analyzed logs using **Kibana** and **Zipkin** to speed up root cause analysis.

### Senior QA Engineer

Sberbank Technologies, Saint Petersburg

Nov 2014 - Jun 2018

- Tested core banking processing system based on Way4 solution (integration, system, automation testing); analyzed production defects and helped reduce recurring issues.
- Developed and supported automated tests using **HP UFT, VBScript**, and **Oracle PL/SQL**; created **Java** tools for test data preparation, reducing data setup time by ~50%.
- Created test plans and estimates, participated in DevOps initiatives from the QA side, and led outsource testers (1–2 people).

### QA Engineer

COMITA, Saint Petersburg

Oct 2012 - Nov 2014

- Developed and maintained test specifications and documentation.
- Deployed, configured, and supported test environments.
- Tested reporting systems for government and financial institutions (tax reporting, compliance, cryptography).

### QA Engineer

Devexperts, Saint Petersburg

Aug 2011 - Sep 2012

- Tested manually Forex trading systems, including server logic, web, desktop, and mobile applications (**iOS, Android**).

## EDUCATION

**St. Petersburg State Polytechnic University, Saint Petersburg, Russia**

Master of Computer Science In Design and development of information systems

Graduated: Jan 2019

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**Baltic state technical University VOENMECH, Saint Petersburg, Russia**

Master of Engineering In MECHATRONICS AND MANAGEMENT

Graduated: Jun 2011

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## SKILLS

- Automated Testing
- Playwright+Typescript, Selenium, REST Assured, Cucumber (BDD)
- Programming Languages: Java, Kotlin, JS/TS, Python
- Technologies used in work: Git(Github Actions), Jenkins, Jira, DBs(Oracle, PostgreSQL, MongoDB), Redis, Kubernetes, Docker, Spring framework, Wiremock, Apache Kafka
- Quality Assurance Analysis
- Develop Test Cases
- Restful API testing
- Kibana, Grafana, Zipkin, Sentry

## CERTIFICATIONS

- ISTQB (Certified Tester Foundation Level)
- Oracle Database SQL Certified Expert 1Z0-047