

George Mukha, Senior QA Automation Engineer

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LINKS

[Linkedin](#), [Telegram](#), [Habr Career](#), [themukha.com](#)

PROFILE

Hey, I'm George!

I really love what I do, because bugs find me themselves.

I mainly write code in Kotlin, but I can read and understand what code does in any programming language.

EMPLOYMENT HISTORY

Jul 2023

Senior Backend QA Automation Engineer, Tinkoff Bank

Astana/Almaty (hybrid)

Implemented a testing strategy for the service:

- Increased testing speed and efficiency;
- Reduced testing costs;
- Increased API endpoint coverage with automated tests from 0 to 98%.

Led the testing team:

- Ensured successful completion of testing tasks;
- Reported on team progress at QA sync meetings.

Implemented new QA best practices:

- 3Amigo, load testing, static code analysis, code review, static testing, Quality Gate, test pyramid, mock integration testing, shift-left testing;
- Automated all test cases and eliminated QA technical debt accumulated before my arrival;
- Implemented quality metrics.

Developed and implemented a load testing methodology:

- Provided triggers and integration between microservice pipelines and the load testing repository;
- Configured load testing scripts and scenarios using the Gatling tool.

Reduced regression testing time from 4 to 1.5 hours:

- Optimized and unified repetitive steps and checks.

Implemented commands and triggers to run regression from the messenger:

- Reduced developer dependency on QAs;
- Wrote scripts for notifications about the successful completion of regression in the chat.

Collaborated with cross-functional teams:

- Improved the overall stability of the bank's system.

Additional:

- Implemented Kafka consumers and producers for automated tests and load testing;
- Maintained documentation.

Result:

- Improved testing quality and efficiency;
- Reduced testing time and costs;
- Improved system performance and stability;
- Increased team loyalty within the company.

Testing Stack:

- Programming languages: Kotlin/Java, some JS experience;
- Testing framework: JUnit5;
- Test management system: Allure TestOps;
- Database: PostgreSQL;
- Logging systems: SLF4J, Log4j, Logback;
- Load testing: Gatling;
- Build: Maven/Gradle;
- CI/CD: GitLab + Jenkins + Docker;
- Architecture: microservices;
- Technologies: Apache Kafka, RestAPI, gRPC.

Oct 2022 — Jul 2023

Middle Fullstack QA Automation Engineer, Wedevx.co

Chicago (remote)

Championed code quality:

- Developed and executed automated test scripts, ensuring web applications functioned flawlessly and saving time on manual testing.

Collaborated for success:

- Worked closely with developers to pinpoint the most important areas to test, streamlining the process and delivering quality results.

Ensured a robust user experience:

- Rigorously tested functionality, regression, and performance, catching potential issues before they impacted users.

Bug detective:

- Efficiently tracked and documented bugs, helping the team quickly address issues and maintain a top-notch product.

Fostered clean code:

- Contributed to code reviews, emphasizing testability, and improving the overall health of the codebase.

Nurtured growth:

- Mentored junior QA and backend development team members, sharing expertise and creating a stronger, more knowledgeable team.

Feb 2021 — Oct 2022

Junior Software Quality Assurance Automation, Discovery Studio

Bishkek (hybrid)

- I actively contributed to the development and execution of automated test scripts. Working closely with the other members of the team, I gained hands-on experience in creating reliable and efficient automated tests, ensuring the quality and stability of the software;

- I played a vital role in identifying and documenting software defects. By meticulously recording and categorizing each issue, I collaborated closely with the development team to ensure timely resolutions. Working together, we fostered effective communication channels, allowing for efficient bug tracking and resolution, ultimately enhancing the overall quality and reliability of the software;

- I actively collaborated with the team on testing and test data gathering. Through close coordination, I contributed to the testing efforts by executing test cases and meticulously documenting the results. Additionally, I was gathering test data, ensuring comprehensive coverage and accuracy in the testing process.

EDUCATION

Sep 2021 — Feb 2022

Incomplete bachelor's degree , Far-Eastern State Transport University (FESTU)

Khabarovsk

Avg. GPA is 95/100.

I dropped out due to the war in 2022 and migrated, began to grow extremely in my career and have no regrets.

I plan to get a bachelor's degree after I achieve everything in this life.

SKILLS

Backend Testing

JUnit5

Automation Testing

PostgreSQL

Maven / Gradle

RestAPI

Kotlin

Git

Java

Load testing, Gatling

GitLab CI/CD

Logging systems

Jenkins

Message queues, Apache Kafka

Docker

Allure TestOps

LANGUAGES

Russian

Native speaker

English

Very good command