

Vadim Burtelov

Senior QA Engineer / SDET — Backend · High-Load Systems · Microservices

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SUMMARY

Senior QA Engineer / SDET (Software Development Engineer in Test) with 3 years of experience in fintech. Grew from intern to Senior at T-Bank through 5 promotions. Own the test strategy and QA roadmap for a team of 16 payment microservices (~10,000 RPS combined). Introduced load testing to the team, which uncovered a legacy service bottleneck and led to a rebuild with 5× higher throughput. Recognized as the best tester on the Digital Ruble project.

SKILLS

TESTING	Test automation · Integration · Component · E2E · Load & performance · API testing
PROCESSES	Test strategy · Test planning · Requirements testing · Shift-left · Code review
DEVELOPMENT	Java · Go · Python · SQL
TOOLS	Gatling · Testcontainers · JUnit · REST Assured · Allure · Postman
INFRASTRUCTURE	CI/CD · GitHub Actions · Docker · Kubernetes · Helm · Kafka · gRPC · REST API · PostgreSQL · Grafana
LANGUAGES	English — B2 (Upper-Intermediate) · Russian — native

WORK EXPERIENCE

Senior QA Engineer

Jan 2024 — Present

T-Bank (formerly Tinkoff) · Moscow, Russia

Russia's largest digital bank (40M+ customers). Payments team: 5 developers, 3 QA engineers, 16 microservices.

Progression: Intern → Junior- → Junior → Junior+ → Middle (Sep 2025) → Senior (Oct 2026).

- Introduced load testing with Gatling while still an intern, covered 6+ services and trained the team. Found that a legacy payment service degraded at ~100 RPS; after an architecture review and full rebuild, the service handles ~500 RPS on the same hardware (5×).
- Primary QA for the team in end-to-end (E2E) testing of the Digital Ruble, Russia's central bank digital currency (CBDC): coordinated with 10+ teams, tested integrations with the National Payment Card System (NSPK) and the Bank of Russia, and set up a complex multi-team test environment. Shipped to production; received a company award as the best tester on the project.
- Introduced shift-left practices: requirements testing and Three Amigos sessions before development, followed by test plans, plus mandatory review of automated tests. Own the test strategy, QA roadmap and QA resource planning; review developers' code.
- Built a shared test library adopted by all 16 regression repositories, cutting test framework setup for a new service from 2 days to 3 hours.
- Moved the team from a separate mock environment to component tests (Testcontainers): tests now run in the pipeline right after the build, and QA focuses on scenario design and review.
- Reduced regression pipeline time from 15–20 to 3 minutes with dependency caching. Raised regression stability (3,000+ automated tests) from 65% to 95% by tracking and fixing flaky tests daily.
- Conducted 10+ interviews. Selected and trained a QA intern who now independently handles testing for the team's tasks.

PROJECTS

Home Kubernetes cluster — 1 control-plane + 2 worker nodes, traffic routed through a VPS to hide the home IP. CI/CD with GitHub Actions, deployments via Helm. Hosts burtelov.dev, Telegram bots written in Go and self-hosted n8n.

Birdling — spaced-repetition app for learning English vocabulary (Go, Next.js, PostgreSQL).

EDUCATION

Bachelor's Degree, Web Technologies — Moscow Polytechnic University

2023