

# Denis Alekseev

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## Senior QA Automation Engineer / SDET

Senior SDET with 6+ years of experience in designing test architectures, developing test frameworks and implementing end-to-end automated test scenarios.

Strong focus on full-stack test automation: from test strategy and scenario design to framework implementation, CI/CD integration and test infrastructure.

**Author of a popular open-source testing plugin with almost 400k downloads.**

### Professional Experience

#### Senior QA Automation Engineer | Luxoft (Automotive - Cariad) - [luxoft.com](https://luxoft.com), [cariad.technology](https://cariad.technology)

*Ingolstadt, Germany | Nov 2022 – Present*

- Designed end-to-end test scenarios based on system requirements and architecture, covering update, OTA, proxy and diagnostic subsystems
- Rewrote 2 testing frameworks from Robot Framework with Python and Pytest, **reducing regression test time by 38%**
- Designed and implemented a Kotlin-based testing framework, **improving test automation efficiency by 30%** and enabling **faster regression cycles**
- Built **5+ internal automation solutions** (Python, Kotlin, Bash) to streamline testing workflows, improve test coverage, and **detect bugs earlier** in the development cycle.
- Built and managed **GitHub Actions CI/CD pipelines**, enabling a team of 15+ engineers to deploy and test code more efficiently
- **Mentored** junior and middle QA engineers on automated testing best practices and framework usage

#### Senior QA Engineer / SDET | Yadro (Storage & Hardware) [yadro.com](https://yadro.com)

*Saint Petersburg, Russia | Oct 2020 – Nov 2022*

- Took full ownership of test scenario design, from requirements analysis to automated implementation and maintenance
- Acted as SDET: combined software engineering and QA by developing test frameworks, internal services and automation tooling
- Developed **2 Pytest-based frameworks** adopted by the QA team, standardizing automated testing processes and improving maintainability of test scripts
- Developed internal automation services using Flask, Celery, and Redis, streamlining test reporting and **reducing manual QA tasks by 60%**
- Created **custom Pytest plugins** for internal QA processes, enabling standardized test execution and improving team productivity
- Built and maintained **CI/CD pipelines in Jenkins**, accelerating deployment cycles

#### Middle QA Automation Engineer | Genesys (Contact Center Software) [genesys.com](https://genesys.com)

*Saint Petersburg, Russia | Aug 2019 – Oct 2020*

- Implemented cross-platform **test automation on Linux/Windows** environments with scripts, ensuring consistent results across development and staging
- Collaborated with product and development teams to **identify critical user scenarios**, increasing test coverage for high-risk workflows
- Supported and extended existing Selenium/Nose test suites, **improving test stability** and **reducing flaky tests** in CI

## Languages

- Russian – Native
- English – B2
- German – B2

## Technical Skills

- Test Scenario Design & Test Architecture
- Test Automation & Framework Design
- Object-Oriented Programming (OOP)
- CI/CD Pipelines
- Test Infrastructure & Tooling
- Debugging & Root Cause Analysis
- Linux & Automation Scripting

## Soft Skills

- Problem Solving & Root Cause Analysis
- Analytical Thinking
- Ownership & Quality Mindset
- Cross-functional Team Collaboration
- Requirements Analysis
- Time Management & Prioritization
- Continuous Improvement Mindset
- Mentoring

**Programming and Scripting Languages:** Python, Kotlin, bash

**Test Automation:** Pytest, Selenium, Playwright, Robot Framework, Allure, JUnit, Kotest, Nose

**CI/CD:** Jenkins, GitHub Actions

**Frameworks:** Flask, Celery

**Infrastructure & OS:** Linux, AOSP, Docker, QEMU, Nginx, Apache HTTP Server

**Datastores & Messaging:** Redis, MongoDB

## Education

**Specialist Degree (equivalent to M.Sc.)**

**in Engineering of Air Navigation Support of Flights**

Saint-Petersburg State University of Civil Aviation, Russia

*Graduated with Honors*

## Projects

- Author of an Open-source Test Automation Tooling: pytest-glamor-allure plugin
- Almost 400k downloads on PyPI, widely adopted by the QA automation community
- Designed and maintained the plugin, focusing on extensibility, usability, and CI integration
- GitHub: <https://github.com/Denis-Alexeev/pytest-glamor-allure>
- PyPI: <https://pypi.org/project/pytest-glamor-allure/>