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) | https://luxoft.com, 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) | 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) | https://www.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/