

Vsevolod “Sev” Rudakov

Software Development Engineer in Test

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SUMMARY

Staff Software Development Engineer in Test with 9+ years in test automation across mobile, web, API, backend, and device-integrated systems. Strong focus on automation framework architecture, CI/CD integration, test strategy, release readiness, and large-scale regression automation. Technical leadership across multiple Agile teams, combining hands-on automation engineering, engineering practices, and mentoring.

CORE EXPERTISE

- Automation Strategy & Framework Architecture
- Mobile, API, Backend & Device Integration
- Cross-Platform Testing (iOS / Android / Web)
- CI/CD Pipeline Integration & Quality Gates

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, SQL.

Automation: pytest, Robot Framework, Playwright, Selenium WebDriver/Grid, Appium (XCUITest / UIAutomator2 drivers), Cypress, TestNG, JUnit, Page Object Model.

CI/CD & Infrastructure: Jenkins, Docker, GitHub Actions, GitLab CI, AWS, Git.

API & Performance: Postman, requests, REST Assured, OkHttp, JSON Schema, OpenAPI, FlatBuffers.

Device & Cloud Testing: BrowserStack, Sauce Labs, Xcode, Android SDK.

Databases: MySQL, PostgreSQL.

AI-Assisted Testing: Claude, Codex.

Reporting & Tracking: Allure, Datadog, Jira, TestRail.

PROFESSIONAL EXPERIENCE

Staff Software Development Engineer in Test, *Abbott Diabetes Care*

May 2023 – Present

- Lead automation strategy for the Libre glucose monitoring ecosystem across mobile SDKs, backend APIs, and hardware integrations.
- Architected cross-platform automation frameworks in Python and Java for iOS and Android, cutting manual regression effort by ~70%.
- Expanded automation coverage and reworked validation strategy, driving ~30% reduction in post-release defects.
- Built automated testing into Jenkins and Docker CI pipelines, enabling daily regression runs at 95%+ pass rate.
- Build and maintain Robot Framework suites in Python covering device, SDK, and backend integration paths.
- Set automation standards and review practices across multiple Agile teams, aligning test approach between mobile, backend, and firmware groups.
- Use Claude and Codex for test case generation, failure analysis, and code review across the automation suite.
- Validate event-driven message formats with FlatBuffers across device and service boundaries.
- Author verification and validation plans, traceability matrices, and quality reports.
- Mentor engineers on automation architecture and debugging.

Senior Software Development Engineer in Test, *Evernote*

June 2021 – March 2023

- Owned UI, API, and mobile automation strategy for products used by 250M+ users.
- Increased automation coverage by 50% through Java and Selenium framework development.
- Built and maintained Appium mobile automation, reducing regression cycles by 60%.
- Integrated automation suites into CI/CD pipelines across Android, iOS, and web releases.

Senior QA Automation Engineer, *insightsoftware*

Oct 2018 – June 2021

- Increased test coverage from ~70% to 90% through UI and API automation.
- Built Selenium Grid on Docker and Jenkins, cutting execution time from 6 hours to under 2 hours.
- Automated smoke and regression testing in deployment pipelines.
- Built REST API automation with REST Assured and OkHttp against enterprise backend services.
- Ran cross-browser coverage on Sauce Labs across supported platform matrix.

Software Engineer, Tools & Automation, *Castlight Health*

May 2017 – Sept 2018

- Developed and maintained automation for smoke, regression, and acceptance testing.
- Performed cross-browser and cross-platform testing across web applications.
- Authored test plans, test cases, and quality reports.

PROJECTS

hackernews-api-test github.com/sevarudakov/hackernews-api-test

Python API test framework: pytest with JSON Schema validation and a Locust p95/error-rate gate in GitHub Actions.

EDUCATION

Master of Science in Computer Science, *Volga Region State University*