Andrey Roshchupkin

QA Automation Engineer / SDET

📍 Yerevan, Armenia | Hybrid | European/Armenian Time | Remote

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Summary

Organically grew from manual QA to automation engineer, building high-performance test architectures with exceptional ROI—cutting execution time and replacing the repetitive work of QA engineers at a fraction of the cost. I mentor teams, write technical articles, continuously learn new technologies, and integrate AI into testing workflows to solve real problems. My automation frameworks act as virtual QA engineers, complementing teams while delivering measurable business impact.

I believe that if it's difficult, it's possible — in work, in training, and in life. I choose paths that demand effort because that's where real growth hides. Challenges don't intimidate me; they motivate me to outperform who I was yesterday — so, do you have a new challenge for me?

Work Experience

Software Engineer in Test

VL · Full-time · Sep 2024 – Present · Yerevan, Armenia

- Built a high-performance E2E test automation framework using Playwright
- Applied advanced design patterns: Page Object, Factory, Component Object, and Element Object
- Achieved 100% system resource utilization during test execution
- Created a specialized test user generator class for up to 9 isolated user sessions per test
- Developed a utility to automatically generate tests from QASE test cases
- Introduced and enforced Quality Gates in CI/CD pipelines
- Significantly reduced production bugs by increasing test coverage and automating critical flows
- Reduced execution time of critical test paths from 2.5 hours to ~30 minutes
- Virtually eliminated flaky tests
- Utilized tools and practices including REST API testing, DevOps automation, and AI-assisted workflows
- Automation suite now fully replaces the manual regression efforts of three QA engineers
- Maintained an execution cost equivalent to only ~$13 per month
- Conducted reviews and provided guidance for mobile test automation development

QA Automation Engineer / SDET

NDA Client – European Retailer · Contract · Nov 2023 – Jul 2024 · Remote

- Built a UI test framework using WebdriverIO + Cucumber (BDD) for a high-traffic retail application
- Automated REST API tests with Playwright and JSON Schema validation
- Designed custom test contexts and reusable components to enhance test flexibility
- Set up remote execution pipelines via GitLab CI/CD, ensuring test scalability
- Integrated ReportPortal for centralized reporting and analysis
- Mentored 2 junior QA engineers in automation best practices

QA Manual/Automation Engineer

DocInfo · Full-time · Jun 2023 – Nov 2023 · Remote

- Ensured product quality from requirements gathering to production for a doctor appointment platform
- Introduced test automation to reduce regression execution time from 1 day to 20 minutes
- Worked closely with developers to identify high-risk areas and automate critical flows

QA Manual Engineer

IT-Victory · Full-time · May 2022 – Jun 2023 · Remote

- Performed manual testing for web applications (frontend and backend)
- Implemented basic Cypress tests to reduce regression cycles
- Delivered 4 applications for international clients with minimal post-release bugs

Freelance QA Engineer

Self-employed · Apr 2021 – May 2022 · Part-time

- Developed and tested lightweight web applications for small businesses
- Managed full QA lifecycle in solo and client-based projects

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Education

Russian Federation Air Force Academy
Specialist Degree in Cyber/Electronic Operations and Warfare

Skills

Languages & Frameworks: TypeScript, JavaScript, Go, Playwright, WebdriverIO, Cypress, Cucumber

Testing Types: UI, API, Integration, E2E, Regression, BDD, Performance, Load Testing

CI/CD & DevOps: GitLab CI/CD, GitHub Actions, Docker, Kubernetes, Git, GreyLog

Tools: QASE, ReportPortal, Postman, Allure, JSON Schema, Grafana, Testomat.io, JMeter

AI & Tool Development: AI integration in testing tools, custom tool development, WebAI

Architecture Patterns: Page Object, Factory, Component Object, Element Object, OOP

Process & Documentation: Test documentation management, SDLC/STLC process optimization, release acceleration

Soft Skills: Documentation, mentoring, async collaboration, agile teamwork