

Valentina Lazar

QA Automation Engineer — Playwright · TypeScript · Cypress · CI/CD

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14+ YEARS IN QA & TECH	4+ AUTOMATION FRAMEWORKS	E2E→API FULL-STACK TEST COVERAGE	CI/CD SHARDED PARALLEL PIPELINES
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PROFILE

QA Automation Engineer with 14+ years across QA, automation, and technical engineering. Designs and hardens end-to-end automation frameworks with **Playwright**, **Cypress**, and **Selenium** in **TypeScript/JavaScript**, applying the **Page Object Model (POM)** and **test sharding** for fast, stable parallel execution in CI/CD. Proven record of increasing test coverage, cutting pipeline time, and reducing production defects across web, API, and cross-device testing — from SAFe Agile enterprise programs to fast-moving product teams.

TOOLCHAIN

Playwright

TypeScript

Cypress

POM

Test sharding

Test hardening

JavaScript

Katalon Studio

Selenium

GitLab CI/CD

REST / Postman

JSONPath

SQL / MS SQL

PHP

Swift

Git / Subversion

Jira

Confluence

Zephyr

Testmo

JUnit / Mochawesome

SAFe Agile

EXPERIENCE

QA Automation Engineer · Airport Labs

Mar 2025 – present

- Build and maintain E2E automation frameworks in **Playwright (TypeScript)** and Cypress for complex web applications — E2E, smoke, and regression coverage.
- Designed modular **Page Object Model (POM)** helpers, custom commands, and fixtures, improving maintainability and reducing flakiness.
- Hardened** unstable specs with resilient locators, network stubbing, and retry strategies, driving down the flaky-test rate suite-wide.
- Integrated suites into GitLab CI/CD with **sharding and parallel runners**, caching, environment variables, and artifacts (JUnit, screenshots, videos, traces).
- Optimized execution with headless browsers, spec filtering, and parallelization — cutting pipeline time while increasing stability.
- Implemented JUnit and Mochawesome reporting for clear cross-team visibility; align coverage with product owners and acceptance criteria.



QA Automation Engineer · AROBS Group

Oct 2022 – Mar 2025

- Led automation processes for travel-sector clients, ensuring optimal functionality and minimizing application issues.
- Developed automated test cases in Katalon Studio plus a custom JSONPath-assertion tool, increasing coverage and reducing manual effort.
- Designed a flexible API testing framework in Katalon Studio, automating API test cases and improving accuracy and bug-resolution speed.
- Optimized workflows within SAFe Agile, coordinating cross-functional teams per sprint cycle; implemented detailed bug tracking and defect reporting.
- Collaborated with clients and stakeholders to align quality metrics with business needs.



QA Engineer · CGM Software Romania

Sep 2021 – Oct 2022

- Executed integration, E2E, and functional testing across multiple platforms; created use cases and test plans from client requirements.
- Performed cross-device compatibility checks; logged and tracked defects in Jira, coordinating fixes with development teams.
- Started an automation MVP with **Selenium and Java**, laying the groundwork for automated regression coverage.
- Enhanced testing processes and feedback loops with developers and fellow QA engineers.



IT Support Engineer · Tello Mobile (KeepCalling.com)

Apr 2016 – Jun 2021

- Provided 2nd-level technical support with minimal downtime; troubleshoot production applications, resolving security vulnerabilities and bugs.
- Developed in-house reporting and monitoring tools, improving operational efficiency; coordinated escalations with third-party providers.



TechSupport Assistant Developer · KeepCalling.com

Nov 2012 – Apr 2016

- Performed manual testing of the MobileRecharge, KeepCalling, and Tello apps — account level, UI, API, and VoIP flows.
- Implemented a REST API payments solution in PHP for a third-party company.
- Investigated and resolved production issues, including security risks; structured and managed large databases.
- Built modular reporting/monitoring tools, reducing incident response times; trained new colleagues.



Software QA Tester · Voice Cash R&D (Novum)

May 2011 – Nov 2012

- Tested MasterCard web interfaces and money-transfer solutions; integration testing with FIS, Navision, and bank interfaces.
- Developed test cases, automated scripts, and quality reports; conducted usability and performance testing.

EDUCATION

2010 – 2012

M.Sc. Advanced Information Systems & Technologies

"Lucian Blaga" University, Sibiu

2007 – 2010

B.Sc. Computer Science, Informatics

"Lucian Blaga" University, Sibiu

EXTRA-CURRICULAR & LANGUAGES

Assistant Professor — "Lucian Blaga" University, Sibiu

Oct 2022 – present

Lectures on graph theory (traversal, shortest paths, network flows, connectivity) with applications in networks, logistics, and data science; supervise student research and contribute to course development.

Languages: English · Romanian · Spanish