

Alejandro Bufarini

SDET | QA Automation Engineer | 10+ yrs Web & API Testing | BDD - TDD - OOP | Kotlin, Java, Python | Performance Testing (K6)

Argentina | Email: alejandroebufarini@gmail.com | Phone: +54 223 4468644

LinkedIn: linkedin.com/in/alejandro-bufarini-113060129

Professional Summary

QA Automation Engineer with over 10 years of experience in software testing, web and API test automation, and performance testing. Specialist in automation frameworks using Serenity BDD, Cucumber, Kotlin, and Selenium. Focused on process optimization, execution time reduction, and software reliability improvements. Experience in load and stress testing with K6 and security enhancements through encryption and SSL certificate management.

Work Experience

QA Engineer | YellowPepper, A Visa Solution | Sep 2023 - Present

- Developed performance testing using K6 aligned with architecture standards.
- Created and maintained end-to-end (E2E) test flows for API services.
- Executed smoke and regression tests to ensure system stability.
- Developed automation tools to enhance efficiency and reliability.
- Implemented support for SSL certificate handling in projects.
- Designed and developed encryption and decryption methods to enhance data security and compliance.
- Language used: Kotlin.

Quality Assurance Engineer | Medable, Inc. | Sep 2021 - Oct 2023 (Remote)

- Automated web testing using Selenium with Python.
- Refactored test pages and step definitions, removing unused code and improving maintainability.
- Replaced slow UI tests with faster API calls in the ASP project, reducing execution times.
- Built a tool for automatic site creation with complete test data generation.
- Set up and maintained CI pipelines in GitLab, automating cross-browser testing via BrowserStack and reducing manual testing time by 40%.
- Integrated Jest-Axe for accessibility testing in React apps.
- Led the transformation to fully unattended test execution, boosting test coverage and reducing execution time by 30%, while ensuring consistent delivery quality.
- Language used: Python

QA Automation | Infosys | Apr 2016 - Sep 2021

- Designed, developed, and executed automated test plans for web and mobile applications using Selenium

(TestNG) and Appium.

- Built and maintained automated regression test suites, ensuring long-term stability and reliability.
- Optimized test execution time while maintaining high coverage and reducing false positives.
- Managed the bug tracking process using JIRA and TestRail, collaborating closely with developers.
- Created and maintained QA process documentation and best practices for standardization.
- Implemented Robotic Process Automation (RPA) solutions to automate repetitive tasks, improving efficiency and reducing errors.
- Language used: Java.

Technical Skills

Test Automation: Selenium, Serenity BDD, Cucumber, Gherkin

API Testing: Rest Assured, Postman, JSON, Jest-Axe

Performance Testing: K6, Locust, JMeter

Security & Encryption: SSL Certificates, Encryption/Decryption Methods

Process Optimization: CI/CD (GitLab, Jenkins), Agile, Root Cause Analysis

Databases: SQL, Google Spanner

Tools: JIRA, Zephyr, TestRail, GitHub, Gradle, JFrog

Languages

English: Intermediate

Spanish: Native