Eligio Fonseca | Senior Software QA Engineer | eligio.fonseca@gmail.com | 951-990-2394

Professional Work Experience:

Senior Quality Automation Engineer | Red Ventures (acquired CNET Media Group), Los Angeles, CA | 2020 - 2023

- Working under the Agile Scrum-Kanban (Scrumban) methodologies, I ensured the quality and reliability of CNET.com, CNET Mobile Apps (iOS, Android), and CNET Shopping (browser extension), collectively **serving over 10 million monthly users**.
- Identified areas of improvement and additional workflows for automation, driving continuous enhancements to testing processes and methodologies. By implementing metrics dashboards and reporting mechanisms, testing progress and results were transparent and actionable, facilitating data-driven decision-making.
- Developed, updated, implemented custom Bash, Postman API automation scripts covering 70% of regression and functional test cases for our web-based application. This comprehensive coverage ensured that critical functionalities were thoroughly tested, leading to more reliable software releases and reduced manual testing efforts.
- Utilized techniques such as script parallelization and optimization of test data setup to cut down the average test execution time by 50%, from 4 hours to 2! This optimization enabled faster feedback loops, allowing developers to identify and address issues more promptly, ultimately speeding up the software delivery process.
- Maintained test case stability above 90% through regular maintenance and updates to automation scripts: Conducted regular reviews and updates of automation scripts to ensure compatibility with changes in the application under test. By proactively addressing script failures and maintaining stability, the team achieved consistent and reliable test results across multiple test runs, minimizing false positives and negatives.
- Developed reusable test components and libraries, reducing script maintenance effort by 30%. This approach simplified script updates and enhancements, allowing the team to adapt quickly to changes in the application and testing requirements.
- Used Chrome DevTools, Postman, and Jmeter for API Testing on a multitude of web stack services, like Price Alert feature and Editorial content.
- Continued manual testing efforts where automation was finicky or flaky, or just near impossible: Dynamic Ads, Video Player Content and Tagging, Visual Components and Spacing.
- Used TestRail for test case management, managing test runs, and used Jira for defect reporting.
- Used BrowserStack and AWS Service - Device Farm, for cross browser/OS compatibility, functional, regression, and Visual UI testing of all our customer facing products.

Senior QA Engineer | ViacomCBS - CNET Media Group, Los Angeles, CA | 2019 - 2020

- Working under the Agile Scrum methodologies, my responsibilities spanned critical web applications and smartphone apps across CNET.com, TechRepublic, and ZDnet, collectively **serving over 8 million monthly users**.
- Led the design, creation, and execution of detailed, comprehensive test plans and test cases and procedures, ensuring thorough coverage of functional and non-functional requirements. Achieved 90% test coverage for regression and functional testing suites.
- Conducted rigorous testing activities, including functional testing, regression testing, integration testing, and performance testing, to identify defects and ensure the overall reliability and robustness of software products. Drove a 25% increase in release frequency by seamlessly integrating automated testing into CI/CD pipelines, enhancing Applause's integration within our tech ecosystem, and leveraging analytics to refine testing scopes across various user browsers.
- Actively collaborated with cross-functional teams comprising developers, product managers, and

stakeholders to understand project requirements and deliver high-quality software solutions. This involved participating in requirements gathering sessions, sprint planning meetings, and daily stand-ups to align testing efforts with project goals and timelines.
- I assumed full responsibility for overseeing and training our external crowd testing vendor, Applause, with an <u>annual budget of $250k</u>. This encompassed meticulously defining scope parameters and consistently updating medium and low priority test suites to be executed by crowd testers across a spectrum of browsers, operating systems, and geographical regions. By proactively managing this process, I ensured precise and thorough testing coverage, contributing significantly to the overall quality assurance efforts of the project.

QA Engineer | CBS Interactive (acquired our startup, Clicked Media Inc. for **~100 Million USD**), Los Angeles, CA | 2011 - 2019

- Working under the waterfall structured methods, I played a crucial role in ensuring the quality and reliability of TV.com, MetaCritic, TVGuide, and TVGuide Apps (Android/iOS), collectively **serving over 6 million monthly users**.
- As a Release Manager, I took the lead in acceptance testing, documentation, regression, and deployment processes. This involved overseeing the entire release cycle to guarantee the seamless and successful deployment of software updates, utilizing Xcode or Android Studio (ADB) to debug when the occasional issue cropped up.
- As the test lead, I manually executed high-priority smoke, regression, and acceptance testing suites. This hands-on approach occurred in both UAT pre-deployment and Prod env post-deployment, ensuring the immediate identification and resolution of critical issues.
- To enhance the efficiency and consistency of our testing processes, I created templates and workflows for documentation strategies and design QA testing intake requests, test plan strategy and scoping, test case design, bug reporting through Bugzilla, defect tracking management, and metrics reporting. This standardization not only facilitated a more organized approach to testing but also improved collaboration within the team.
- Streamlined test environment process by <u>reducing setup time by 50%</u>.
- Through improved inter-departmental communication, test cast logic organization and optimization, I reduced test <u>execution time by 40%</u>
- <u>Achieved 80% test coverage</u> for regression and functional testing suites.

Skills:

- Proficient knowledge of Agile-Scrum/Kanban methodologies and QA Automation process in SDLC
- Test Case Management: Qase, TestRail, Xray, Zephyr
- QA Tools/Frameworks: Cypress, Playwright, Postman, Jmeter, Charles Proxy, Xcode, Android Studio (ADB), WAVE Accessibility, Axe Accessibility
- HTML, CSS, Javascript, TypeScript
- Version Control: Git, Github, Gitlab
- Data Query: SQL, SQLite
- Scripting: Shell/Bash
- CI/CD: Jenkins
- Bug Tracking: Jira, BugZilla, ZenDesk
- Documentation: Confluence
- Project Management: Asana, Trello, Figma
- Cloud Testing Platforms: BrowserStack, SauceLabs, Applause Crowd Testing Platform/Service

Education:

- Bachelor of Arts, Business Administration with a Management Concentration | California State University San Bernardino