

Antonio Bellifemine

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Lead QA & Automation Engineer

QAaaS | QA Architect | DORA Metrics & Shift-Left Advocate

Core Competencies

- Identifying process bottlenecks; mentoring teams on shift-left testing and automation, transforming reactive teams into proactive ones, optimizing feedback, quality, and delivery.
- Deep understanding of Agile, Scrum, Kanban, scrumban, and cross-functional team development best practices
- Scaling Manual & Automated testing best practices.
- Test Driven Development (TDD), Behavior Driven Development(BDD), and Acceptance Test Driven Development(ATDD)
- Improving team autonomy & decision making through servant leadership
- Breaking team silos, increasing healthy communication, reducing missed requirements
- Establishing, mentoring, & growing QA professionals, processes, & teams.

Work Experience

Explore Digits - Rockville, MD

09/2024 - 12/25

Sr. QA Automation Engineer

- Achieved 93% automation coverage for core user scenarios (from 0%), exceeding 90% target; built metrics dashboard for historical application health tracking.
- Reduced test feedback cycle from >1 week to ~10 minutes, enabling rapid iterations and regression detection.
- Decreased production Change Failure Rate by ~90% (to <10%), improving reliability and team/user satisfaction.
- Increased exploratory testing to complement automation, covering edge cases and reducing release anxiety.
- Reduced Defect Slippage Rate from >68% to ~23%.
- Increased deployment frequency from quarterly to every sprint via CI/CD enhancements, ATDD, and automated testing; reducing regressions & accelerating lead time (*time from planning to production*).
- Established company-wide QA standards and automation processes; delivered executive-visible dashboards for application and team health.

Dr. First - Rockville, MD

09/2023 - 06/2024

Sr. QA Automation Engineer

Implemented testing strategy and architected, developed, and automated custom testing solutions

- Led patient transaction testing framework strategy and architecture (Java/Maven/JDBC/Hazelcast), reducing manual effort from 4 days to ~2 minutes.
- Coached team on ATDD/Gherkin user stories, reducing rework and missed requirements by 80%.
- Automated REST API scenarios with 2FA, cutting feedback loop from days to minutes.
- Replaced manual regression with Playwright framework, reducing cycle to 5 minutes.

Trustlayer - Tampa, FL

12/2021 - 08/2023

QA Automation Engineer

Designed and maintained automated testing solutions, enhancing software quality and reducing manual testing time.

- Modernized an existing Cypress testing suite, reducing the run time from 45 minutes to 12 minutes.
- Owned end-to-end & API automation strategy to replace external QA team saving over \$80,000 annually
- Established first in-house testing capability & corrected teams inverted testing pyramid

Bluegrace Logistics - Riverview, FL

06/2017 - 12/2021

QA Engineer

executed automated test strategies, significantly improving test efficiency and ensuring high-quality software releases

- Optimized a Cypress test automation framework, cutting feedback & release time by nearly 50%.
- Automated functional and non-functional API tests using Postman and Newman, eliminating 3 days of manual testing.
- Influenced feature development through early QA input in Scrum ceremonies and user advocacy.
- Conducted early risk assessments and added test cases to user stories, enabling developers to test features as they were built, prioritizing high-impact areas.
- Assisted the business in crafting user stories using Gherkin from the user's perspective.

Volunteer Experience

Gracie Jiu Jitsu - Plant City, FL / Tampa, FL

2018 – PRESENT

Brazilian Jiu Jitsu Instructor

- Guide, mentor, & instruct practitioners of all levels, fostering discipline, confidence, and respect through structured training.
- Encourage positive physical activity, reinforcing life skills, and promoting healthy habits through Brazilian Jiu Jitsu training.

Awards & Achievements

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- **IT Team MVP - Bluegrace Logistics** 2019
 - **Brazilian Jiu Jitsu Black Belt- Gracie Tampa South** 2023