

Enhancing Healthcare Application Quality with Applied AI Consulting's QA Automation Service

Challenge & Test Requirements:

- ❏ A healthcare technology company needed to automate over 1000 test cases across different sub-products, features, and modules.
- ❏ The customer was also looking for a reliable and maintainable framework that could be integrated with their CI CD pipeline for nightly builds.



Solution and Approach:




- ❏ Applied AI Consulting provided the healthcare technology company with a team of 7 QA Engineers, led by a Sr. QA Architect who was responsible for architecting, designing, and implementing the right automation framework.
- ❏ The team chose a BDD-based framework and used Serenity for UI automation and Karate for API automation.
- ❏ The team implemented the framework and automated the required test cases within the desired timelines.

ROI:

- ❏ The Applied AI Consulting team's automation efforts enabled the customer to reduce their testing cycle time by 50%, resulting in faster time-to-market for new features and enhancements.
- ❏ Fewer production issues resulted in reduced downtime and improved overall efficiency.

 The customer was able to meet their testing requirements and achieve a higher degree of test coverage, resulting in increased customer satisfaction and retention.

Results

-  The automation scripts enabled the team to detect critical issues earlier in the development cycle, reducing the cost of defects and improving overall application quality.
-  The Applied AI Consulting team was able to deliver high-quality automation scripts that were integrated into the CI CD pipeline, providing confidence on the build quality.
-  Overall, the Applied AI Consulting team's expertise in QA Automation helped the customer achieve their testing requirements, resulting in better quality, faster time-to-market, and increased user satisfaction.



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OUR ARCHITECT**



ABOUT AAIC

We are automation experts, with a majority (> 60%) of our workforce AWS-certified. We assist you in applying intelligence to the Cloud and DevOps, as our name suggests.

Our AWS certified experts create high-performing cloud apps by utilizing intelligent components and smart integrations to accelerate your digital transformation journey.

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