Elevating QA Automation Efficiency for a Fitness Platform

DevOps, QA Automation

Synergo Group collaborated with the client to enhance their QA automation capabilities. This involved providing extensive support to their QA team, enhancing and fixing existing tests, and upgrading their test automation framework to version 2.0.

The new framework, built with Cypress, Cucumber, and TypeScript, utilized a monorepo structure to centralize all testing projects. We also implemented CI/CD integration using CircleCI and GitHub and conducted training sessions to ensure the smooth adoption of the new framework by the client's QA team.

Additionally, Synergo implemented real-time production monitoring through DataDog synthetic tests and performed rigorous load testing using Locust and Python.

OUTCOME

- By upgrading the test automation framework to version, the client's QA process is streamlined, leading to faster and more reliable testing cycles.
- Implementing CI/CD integration with CircleCI and GitHub ensured a reduced time-to-market for new features and bug fixes.
- The comprehensive support and improvements lead to higher satisfaction for the client's stakeholders, as the quality and reliability of the product improve visibly.

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