LTI
Let's Solve

Case Study

Continuous Testing in DevOps for a
Leading Risk Advisory & Consulting Group

A Larsen & Toubro
Group Company

Client

The Client is the world's largest consulting group and one of the finest career, healthcare and wealth advisors with offices in more than 40 countries, and operating internationally in more than 130 countries.

Challenges

- The client wanted to reduce manual testing and validation
- They wanted to leverage automation to improve in-sprint coverage
- The client wanted to leverage automation to reduce project costs
- There was a need to standardize and simplify the deployment process using continuous integration
- The client also wanted to reduce the complexity of various business scenarios, as well as dependency on manual processes

LTI Solution

- Leveraged robust automation tools like Nightwatch, Protractor & Selenium with Cucumber (BDD) for end-to-end automation in a DevOps environment
- Automated 500+ end-to-end business scenarios across environments (QA/UAT/Staging)
- Implemented continuous integration and Testing process with the ability of any time deployment for reduced time to market
- Established 'Behavior Driven Development Framework'
- Continuous and simultaneous execution of test scripts across multiple browsers and devices through cloud simulation using SauceLab

Business Benefits Delivered

- Reduced testing cycle time & effort by 100% DevOps implementation
- >80% reduction in QA cost for all applications
- 60% of the regression suite automated across Three functional areas in one of their LOBs
- 95% automation coverage
- 60% efforts reduction by validating across Four Browsers and over five devices simultaneously
- Continuous automated deployments with limited manual intervention

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