



End-to-End Automation Testing and CI/CD Enablement for a Global Consumer Goods Company

Client

The client is an international diversified corporate group with core business in direct distribution of household appliances, fitted kitchens, and cosmetics.

Business Need

To support regional rollouts of the DS Pro application and ensure high-quality software delivery, the client required a comprehensive quality engineering and automation solution that could scale across geographies.

Business Challenges

- Each DS Pro deployment in a new region required 9–12 months of rigorous testing.
- Integration with SAP CPI systems and establishing robust CI/CD practices posed key challenges.
- A collaborative, agile-based engineering approach was necessary to maintain global consistency.

Solution

- Provided Dev and QE services including functional, automation, integration, UAT, and performance testing.
- Acted as strategic CI/CD partner, helping select and set up an appropriate cloud platform.
- Implemented Postman for API testing and data simulation.
- Conducted SAP CPI integration testing.
- Adopted 3-week agile sprints with n-1 sprint automation.
- Deployed tools like JIRA, Confluence, and Jenkins for project and CI/CD workflows.
- Worked closely with the client's Singapore IT team for coordinated delivery.

Value Delivered

- Successfully deployed DS Pro across Taiwan, UK, Spain, and Germany.
- Executed 4 test builds containing over 1000 test cases each.
- Performed performance testing using TOSCA-3 with 180+ scripts.
- Delivered seamless SAP CPI integration and UAT readiness.
- Enabled faster release cycles and improved quality assurance coverage.
- Provided a team of 8 dedicated engineers within a 35-member delivery team.

Tools & Technologies

Postman | JIRA | AWS | Confluence | TOSCA | Jenkins | DS Pro App



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