

Deploying CI/CD in healthcare consulting

An \$800 million consulting firm wanted to streamline development and delivery of their healthcare Revenue Cycle Performance Accelerator (RCPA) application.

ADDRESSING THE MANDATE

In order to drive greater business impact within the healthcare sector, the client needed to upgrade their development and delivery processes, while completing a host of new user stories with regard to their RCPA. The project mandate included,

- Creating a seamless software delivery and release model
- Managing, orchestrating and automating workloads across the application lifecycle
- Implementing continuous development, testing, release, deployment, monitoring and optimization best practices

THE RESULTS

100% Delivery Success Rate

- All user stories and features for the initial 90-day cycle were planned and completed within the stipulated time frame

THE CHALLENGES INVOLVED

01 Cross-training Requirements

The project needed to incorporate the Spotfire analytics platform, but was hamstrung by a lack of available talent. To quickly resolve the roadblock Collabera set-up a Spotfire training crash course that ran in parallel with project delivery, so that every deadline was achieved.

02 Low Kick-Off Velocity

A large part of the team was new to the domain and needed a rapid industry and product knowledge transfer session before the project could meaningfully commence.



THE APPROACH & THE SOLUTION

Using a combination of Visual Studio, SQL Server, Azure DevOps and MS Office, Collabera specialists were able to quickly implement changes and optimizations across the product development cycle.

- Regression and sanity test case analysis
- Automated acceptance tests in a behaviour-driven development style and increased test coverage, supported by Cucumber and a Selenium test framework
- Automation framework supported by 5 browser types across 8 different versions in execution
- Automated continuous improvement and monitoring deployment, alongside production releases and blue-green deployment

Founded in 1991, Collabera is a leading global professional services company that helps enterprises transform their technology, processes and operational models. We empower our customers by overcoming bottlenecks and silos, and building connected business systems that scale in real time.

For more information, visit: itservices.collabera.com

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