Case Study: IT Service Provider to Major Health Industry
North America

One of North America's largest IT Service Provider of customer details and secure health record maintenance provider to Major Health Industries

Project Relevant Experience
- Continuous Integration and Continuous Delivery (CI/CD) code automation enabled for customer health records portal system
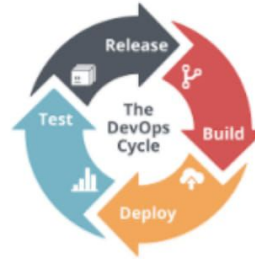
Challenge
- System operational challenges due to complex infrastructure & diverse application framework complexity.
- Delayed delivery of application weekly scheduled deployments.

Solution
- Implemented the automated CI/CD DevOps framework to optimize the regular weekly and adhoc delivery schedule.
- Integrated CI Stack with One-Click approach for build and deployment of application to multiple environments (DEV, TST, INT, QA) ensuring Quality with reduced deployment time.

Vendor Approach
- Developed the CI/CD DevOps automation deployment approach and strategy
- Identified the application complexity of deployment scripts
- Configured Gerrit Git with master and secondary servers to compile application artifacts
- Integrated Jenkins with Gerrit Git, by configuring to multiple application branches
- Deployed the CI/CD framework and integrated the environments with code repository and ensure quality in Jenkins build process

Client Location

Organization Capability Offer Map

Digital — Cloud — **DevOps** — Mobility — Big Data — Collaboration

Benefits Delivered
- Brillio delivered the mobility enabled high performance business critical application in time
- Application stack is upgraded with open source platform and delivered **25%** of cost savings.

Tool Set
- Open Source Tools – NoSQL, ReST, Java, Guava
- Unix Bash Scripting, Python, WLST Script, Gerrit GIT, Jenkins, Nexus snapshot, Maven