



UDAPEOPLE CI/CD PIPELINE

PRESENTER: AUSTIN MEYER

WHAT CAN CI/CD DO FOR YOU?

- Save money!
 - You can save money with CI/CD because many tasks that used to be manual and take a large amount of time can be automated. This in turn causes you to have to pay more red dollars (time spent by staff members releasing to production)
 - Next you have the process of testing this process can also be automated using tests to make sure everything is working as expected. Normally you may need a QA team to make sure everything is working after a small change before your release goes to production

WHAT CAN CI/CD DO FOR YOU?

- Save time!
 - You will be saving time because everything will be automated, and you can watch the build process in Circle CI and because of this you will know as soon as failures happen.
 - You will be able to reuse the pipeline for every release with just adding more tests for new features and because of that it will save time.
 - You will have automated rollbacks for when things go wrong so no hours spent bringing things back to the way they were prior to the upgrade
 - Automated infrastructure creation and cleanup so there is less chances of human error and will help you keep things clean helping you to save money
 - Developers have more time to focus on creating new features because many of the release processes have been automated

WHAT CAN CI/CD DO FOR YOU?

- Constant releases
 - There is no waiting for one big release for a feature now small features will continuously go out to customers with every commit to GitHub
- Build quality
 - When you build your tests, they will be checking to make sure that everything is working as expected before it ever moves forward.
- Quick build failures
 - This is important because the more time you have hardware running the higher the cost.
- Higher security!
 - You will be able to avoid security loopholes because you will have tests in place to check for security loopholes