
Benefits of CI/CD to Achieve, Build, and Deploy Automation for UdaPeople Software

What is CI/CD ?

What is CI?

CI stands for continuous integration which simply means integrating code, whether it's a new feature or an update, that has been developed by several programmers into the main folder or shared directory many times a day. CI is a coding philosophy and set of practices that allows developers to frequently implement small code changes and check them for validation usually in an automated manner.

What is CD ?

CD stands for continuous Delivery. CD is simply the extension of continuous integration. It automates application delivery to selected environments, including production, development, and testing environments. Continuous delivery is an automated way to push code changes to these environments.

CI/CD ?

We understand the every business has one main objective to deliver value to customer and maintain customer satisfaction. For this objective to be attained the organization needs to be fast in integrating customers feedbacks and releasing new features. This where CI/CD methods set in, which is an approach to frequently deliver apps to customers by introducing automation into the stages of app development.

Benefits of CI/CD to UdaPeople

- Increase Revenue as there is Less time to market due to automation
- Avoid Cost due to Less bugs in production and less time in testing
- Avoid Cost by Preventing embarrassing or costly security holes
- Avoid Cost by incurring Less human error and Faster deployments
- Protect Revenue by Reducing downtime from a deploy-related crash or major bug
- Protect Revenue by employing Quicker rollbacks to return production to working state
- Less infrastructure costs from unused resources

THANKS!!!!!!!