



# Udapeople: The Benefits of CICD

# Brief

- The world of software and technology is fast changing and requires that we able to be up to speed with the rate of changes going on in the industry to enable us to continue to be relavant in our market segment and compete effectively, in the following pages are listed some reasons why we should adopt CICD.

# Quick feedback

The processes of CICD allows that developers and operators can get quick feedback during development and delivery process without any blockage, Since the whole processes are automated developers can get feedback through failed builds or test immediately and ammed as necessary.

# Fast delivery of Feature to end users

The CICD practices allow us to release features quickly to end users as the complete their cycle. the steps in CICD automations the whole process of from build to testing then delivery.

This way it prevents obstacles that could slow down development process, and once features are completed, they are released to the end users.

## Easy documentation automation and improvement of process

The practises of CICD allows that we can document our process and collect data/information on past failed and successful builds and then improve our processes for better performance in the future. Automation help to avoid problems caused due to human interventions.

# Quick identification and resolutions of Issues

CICD workflows are fully automated workflows, that could remain consistent over time and allow us to learn through improvement of process, since workflow are usually automated, they allow us to catch errors that could escaped if done manually, thus prevent certain issues that could be catastrophic if they were to be delivered as so to production.

# High Retention of Employees

Toils can lead to fatigue and demotivation amongst employees and this is really costly, has it could lead to loosing our best talents. But implenting a CICD process allows us automate the most predictable parts of our development workflows. Thus reducing chances of boredom and toil in work. And effective decreasing the chance of employee disatisfaciton and turnover.