

# Fundamentals and Benefits of CI/CD

Udapeople App

# Overview

- What is CI/CD?
- What are the advantages of CI/CD?

# What is CI/ CD?

- CI stands for Continuous Integration
- CD stands for Continuous Delivery or Continuous Deployment.
- The concept of CI/CD often refers to automation in the software development and product delivery process, making integration faster and finished products delivered to users in the shortest time.
- Currently, CI/CD has been widely applied to the workflow of businesses working in the IT field, along with DevOps and Agile.

# What are the advantages of CI/CD?

## ➤ **Avoid Cost:**

- CI/CD helps to reduce risks during code development and deployment.
- Quickly detect and handle arising problems and outstanding errors.
- CI and CD have the feature of quickly sharing information and data between members. This helps members of the development team to have appropriate deployment plans early.

## ➤ **Reduce Cost:**

- CI/CD operates under an automated process, so it will reduce manual operations, saving time and human resources, contributing to speeding up work.

## ➤ **Increase revenue:**

- Less time to market.



THANK YOU