

# Continuous Integration/ Continuous Deployment

A fastest and smartest way to build and serve products

Canberk Erkmen

# Continuous Integration

**It is a software development process where teams integrate code early and into a central repository where they can run frequent tests and validate changes.**

The goal is to speed up the release process by enabling teams to identify and fix problems early in the development lifecycle.

# Continuous Deployment

It is the practice of getting all updates, fixes, features, and configuration changes either into production or into the hands of end-users as quickly (and safely) as possible.

The goal is to streamline the delivery/deployment process so that predictable tasks can be performed on-demand.

# Benefits of CI/CD to us

- **Bring Products to Market Faster**
- **Allows Developers to Deliver Products Consumers Want Now**
- **Reduce Costs and Boost Profits**
- **Gain Real-Time Visibility of the Development Process**
- **Improves App Quality**