


The background of the slide is a light gray gradient, decorated with several realistic water droplets of various sizes. Some droplets are in the top left corner, others are scattered along the bottom edge, and a few are on the right side. The droplets have highlights and shadows, giving them a three-dimensional appearance.

CI/CD

BUILD, TEST, DEPLOY, REPEAT




INTRO TO CI

- CI STANDS FOR CONTINUOUS INTEGRATION
 - SOFTWARE ENGINEERING PRACTICE IN WHICH FREQUENT, ISOLATED CHANGES ARE IMMEDIATELY TESTED
 - AIMS TO PROVIDE RAPID FEEDBACK
 - IDENTIFY AND CORRECT ERRORS IN EARLIER STAGES
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INTRO TO CD

- CD STANDS FOR CONTINUOUS DELIVERY
 - THE ULTIMATE GOAL OF CD IS TO GET CHANGES INTO THE HANDS OF USERS QUICKLY.
 - MAKE DEPLOYMENTS ROUTINE AFFAIR
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WHY CI/CD

➤ APPLYING FRAMEWORK OF VALUE, WE CAN:

1. INCREASE REVENUE
2. PROTECT REVENUE
3. REDUCE COST
4. AVOID COST

HOW

- WHEN A SOFTWARE ENGINEER SAYS:
 - WE WILL **CATCH UNIT TESTS FAILURE** FASTER THROUGH CI/CD
- THEY MEAN:
 - LESS BUGS AND **LESS COST OF REWORK**
- WHEN A SOFTWARE ENGINEER:
 - WE WILL **DO FASTER DEPLOYMENTS** THROUGH CI/CD
- THEY MEAN:
 - TO **INCREASE REVENUE BY QUICKLY RELEASING NEW FEATURES**

CONTD.

- WHEN A SOFTWARE ENGINEER SAYS:
 - WE WILL **AUTOMATE INFRASTRUCTURE CREATION** THROUGH CI/CD
- THEY MEAN:
 - LESS HUMAN ERROR, FAST DEPLOYMENT AND **AVOIDING COST**
- WHEN A SOFTWARE ENGINEER:
 - WE WILL **AUTOMATE SMOKE TESTS** THROUGH CI/CD
- THEY MEAN:
 - TO REDUCE DOWNTIME AND **PROTECT REVENUE**



SUMMARY

- A LOT OF USE CASES WHERE CI/CD SEEMS TO **PROTECT, INCREASE AND MAINTAIN OUR REVENUES**
- WE CAN HAVE DIFFERENT TYPES OF DEPLOYMENT WHICH WILL AGAIN ENSURE:
 - NEAR TO ZERO DOWNTIMES
 - LESS COST AND PROTECT REVENUE

KEEP CALM AND BELIEVE IN YOUR CI/CD

