



Advantages of using CI/CD

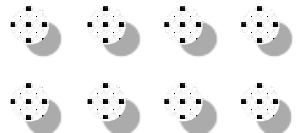
Ahmed Anwar

What are the benefits of CI/CD?

- Efficient infrastructure
- Faster time to market
- Reduced risks
- Better feedback



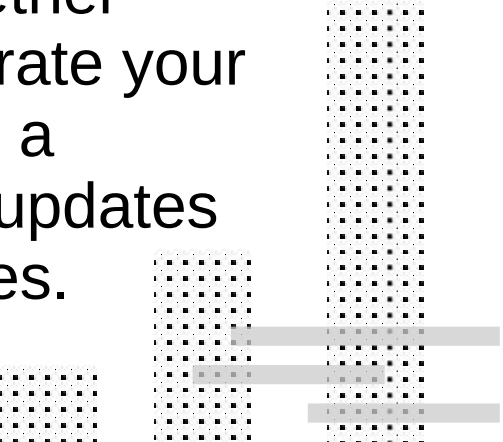
Illustrations by Pixeltrue on
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Efficient Infrastructure

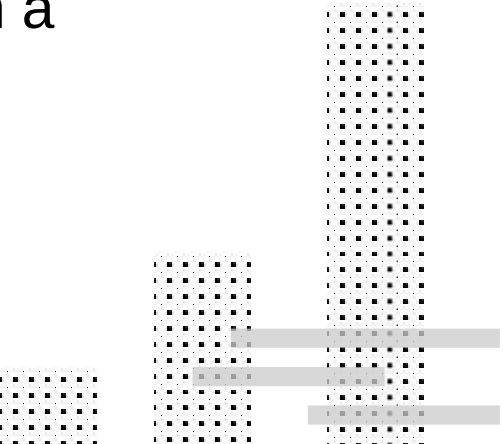
CI/CD depends on automation, that means that every action easily repeatable making the staging process faster. Also different kind of scalling are easier with CI/CD as you only write the script once. Infrastructure as a code makes sure that everything fits together nicely. And the best part is that you can regenrate your whole production/ developing enviornments in a matter of seconds. You also continue making updates to the script which better utilizes your resources.





Faster time to market

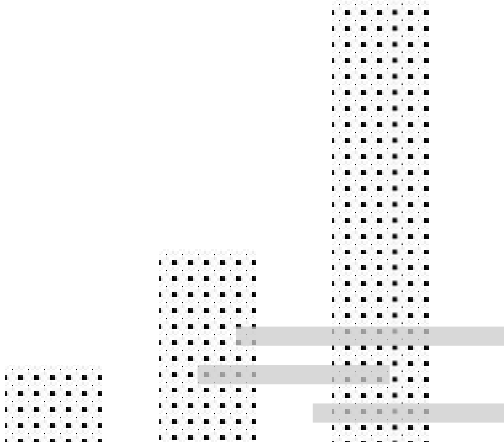
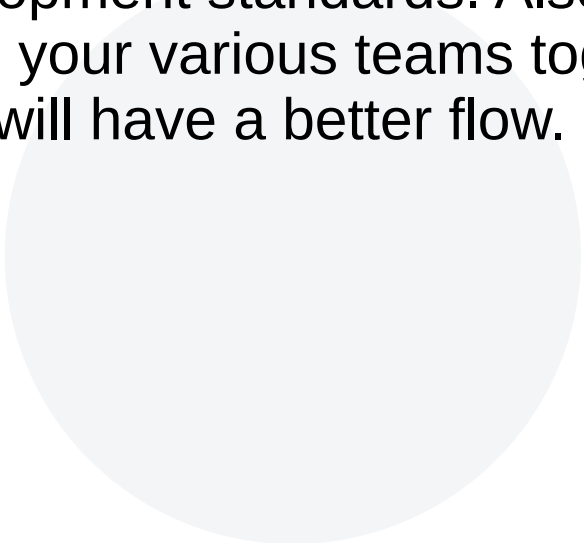
CI/CD accelerates release cycles as you continuously merge new code and repair reported bugs. This means that you can publish new releases more often and have stress-free time knowing that many production bugs were already found in the CI/CD pipeline and even if passed you can fix it in a matter of a few hours (maybe even minutes).





Reduced Risk

CI/CD is the ultimate shield against unknown risks thanks to automated builds, better project visibility and better development standards. Also CI/CD tightly integrates your various teams together which means that you will have a better flow.





Better feedback

CI/CD ensures a shorter feedback loop. Your product goes through many pipelines everytime it gets updated or promoted to production, this means that if any of them has not passed, you will get immediately notified saving you the costs of production failure.

