



CI/CD Inclusion Proposal

Continuous Delivery and Monitoring.





Overview

DevOps has been known to skyrocket the revenue of several companies and to help them combat the most difficult situations in delivering trustworthy products to clients/customers and users.

Continuous Delivery (Continuous integration and Continuous Deployment) is the heart of a DevOps concept, there is no DevOps without CI/CD. Incorporating CI/CD into our delivery system can be the game changer we have been looking for and can go a long way to reduce cost, increase revenue and protect revenue. Monitoring on the other hand, can help us project the future and prepare for the worst case scenarios.





Problems to solve

1

Deployment of buggy features to production which impact brand integrity and increase cost.

3

Very slow rate of product release which impacts UdaPeople's revenue and market competitive advantage.

2

Low UdaPeople's Engineering Team confidence

4

Unexpected budget requirement and difficulty troubleshooting cause of downtimes.



How CI/CD and Monitoring can solve these problems

The continuous integration (CI) part of a CI/CD system can ensure that engineers at UdaPeople get to know when their code is capable of breaking existing features and never allows such code to get deployed. This in turn will save cost and time that would have been spent trying to fix it in production.



How CI/CD and Monitoring can solve these problems

CI will ensure that engineers at UdaPeople get notified when their codes break, by that way the engineer can fix it. This will build trust among team members as engineers can fix their mistakes without others knowing. This will make engineers confident to work fast to deliver products and not focus on being perfect. This will in turn make clients happy as products will get delivered to them fast.



How CI/CD and Monitoring can solve these problems

Continuous Deployment (CD) can rollback feature release if found to be buggy when already in production. This can go a long way to reduce cost and protect brand integrity.

Continuous delivery and monitoring can help UdaPeople project budget requirements, revenue and find faults before they even happen.



I do hope you find these reasons good enough to consider including Continuous Delivery and Monitoring in our Engineering systems.

Thank you.

