

Benefits of CI/CD

WHY YOUR BUSINESS'S SHOULD ADOPT CI/CD?



Lets begin with a story

I was an application developer in a small company .. We were working on many small applications for many companies Each company had several applications for all available platforms .. Android web. iPhone Mac and others. We were working in harmony. Applications finish on time. And each of us was doing his utmost to deliver the best result to customers. And after a period of good word. A new competitor appeared in the market. Who could do the same work that We do it in a faster time, with greater quality and at a lower cost... One developer from the other company was doing 3 developers from our company, we were all shocked..

Until we were compelled to inquire about the secret of their rapid progress on us, and we finally realized that they were applying

After we studied the way they work.. we realized that we do a lot of things ineffectively.. we were uploading applications manually.. they were uploading them automatically.. when requesting any modification, coding the modification took 10% of the time while uploading and preparing the application was taking the time. The remaining 90%.. ..we made a lot of mistakes. It was difficult to cooperate. As for them. Cooperation was very easy...which eventually led to the transfer of all clients from our company to their company.

The conclusion

Applying these principles will save your company a lot of time and mistakes.

It will give you an edge on the competing companies plus you help with the cost in multiple ways :

The cost

There is 4 types of benefits you can get on cost by adopting Ci/Cd

- Reduce Cost
 - Catch Compile Errors After Merge > Less developer time on issues from new developer code
 - Automate Infrastructure Cleanup > Less infrastructure costs from unused resources
- Avoid Cost
 - Catch Unit Test Failures > Less bugs in production and less time in testing
 - Detect Security Vulnerabilities > Prevent embarrassing or costly security holes
 - Automate Infrastructure Creation > Less human error, Faster deployments
- Increase Revenue
 - Faster and More Frequent Production Deployments > New value-generating features released more quickly
 - Deploy to Production Without Manual Checks > Less time to market
- Protect Revenue
 - Automated Smoke Tests > Reduced downtime from a deploy-related crash or major bug
 - Automated Rollback Triggered by Job Failure > Quick undo to return production to working state

The End
