CI/CD

FUNDAMENTALS AND BENEFITS

CI/CD: What exactly is it

CI/CD is a method of delivering applications to our customers in a more frequent manner by employing automation in the application development process.

For example, we can think of it as adding amazing bit sized new features to our application every two weeks instead of adding a humongous new feature bi-monthly.

We can achieve this by automating most or all of the stages in our application development process.

CI/CD: What are the Benefits

There are quite a number of benefits if we implement CI/CD in our development process

❑ **Faster Bug Fixes:** CI/CD will help in fixing software bugs faster as it can mostly be detected before our applications are shipped. This helps us in releasing reliable application thereby increasing our customer satisfaction.

❑**Cost Reduction:** CI/CD will assist in making our infrastructure use more efficient as we can fully automate the creation and destruction of virtual servers depending on the needs of our application. This can helps in reducing our Infrastructure expense by far

CI/CD: What are the Benefits

❑**Faster time to ship application:** The automation advantage of CI/CD will help us in shipping our application out faster. This helps in gaining a market advantage looking at the stiff competition in our industry.

❑**Frequent Updates:** CI/CD will help in updating our application more frequently with new amazing features. This can help in increasing our customer interests in our products and thereby increase our product usage

❑**Increase Productivity:** The time it takes to build, deploy and test application will reduce and this time can be used for productive use like creating more features for our applications.

CONCLUSION

These points listed above are just some of the benefits that our company can get from CI/CD.

CI/CD

THANK

YOU