



CI/CD

PRESENTATION

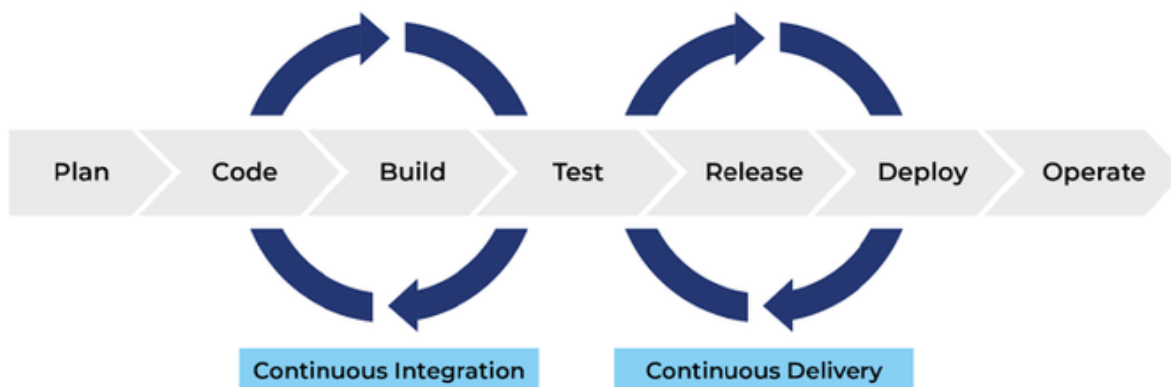
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What is a CI/CD Pipeline?

CI/CD is the combined practice of continuous integration (CI) and continuous delivery (CD) in software development which enables teams to deliver high-quality software to users quickly and efficiently.

In CI/CD, the process of building, testing and deployment of code changes made by team members is automated. This helps in catching and fixing bugs and errors early in the development process thereby cutting down cost and development time.

In summary, the goal of a CI/CD pipeline is to automate and narrow down the process of software development, improve code quality and increase the speed of software delivery.

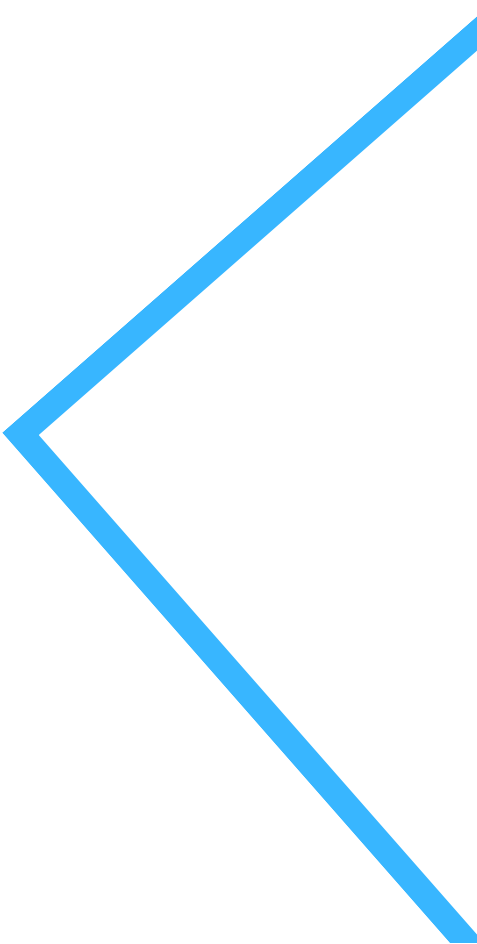




Why CI/CD?

The importance of CI/CD to organisations cannot be overemphasized. It puts in place a streamlined process for rapidly bringing products to market by consistently deploying code into production, providing new features and bug fixes using the most efficient tools. Thereby, improving the overall user experience and increasing the chances of success for the organization.

Moreover, through automation on many of the repetitive tasks involved in building, testing, and deploying code, CI/CD allows development teams to focus on writing code, rather than on manual and error-prone processes. In other words, a less-stressed development team is an efficient development team.



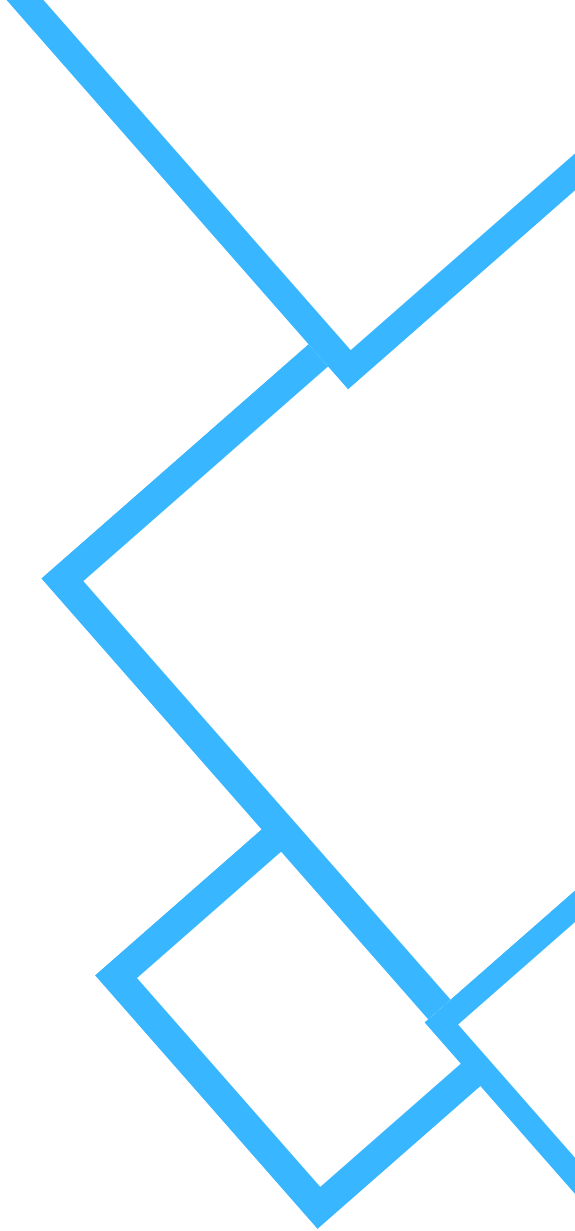
Benefits of CI/CD

REDUCES COST

By finding errors and fixing bugs early, an organisation can avoid repetitive and time-consuming rollbacks. This will reduce cost.

INCREASES PRODUCTIVITY

By automating certain parts of the development process, teams can focus on high-value activities such as coding and testing therefore improving productivity.



Benefits of CI/CD

FASTER TIME TO MARKET

New features are delivered quickly because the time it takes for code to go from development to production has been significantly reduced with the help of CI/CD.

CUSTOMER SATISFACTION

CI/CD eliminates the bottlenecks in development making it possible for high quality software to be released faster, which will increase customer satisfaction.

Thank You

