CICD

The best solution for development and operations teams

Continuous Integration

Refers to the build and unit testing stages of the software release process. Every revision that is committed triggers an automated build and test. With continuous delivery, code changes are automatically built, tested, and prepared for a release to production.

Continuous Deployment

Is a strategy in software development where code changes to an application are released automatically into the production environment. This automation is driven by a series of predefined tests. Once new updates pass those tests, the system pushes the updates directly to the software's users.

Benefits of CICD

1) Bring Products to Market Faster : Enables you to ship code changes not just every week, but every day and even hourly and immediately start generating revenue from new products and features instead of waiting for the entire team to be completed.

2) meeting evolving consumer's needs : Teams will have the flexibility to update , build and deploy new applications in response to constantly changing demands and expectations

3) Improve visibility across development : Developers can easily spot and isolate code issues , and identify the project status

Benefits of CICD

5) Increase Team Transparency and Accountability : CI focuses on the development team, so it affects build failures and merging problems . CD focuses on getting the product quickly to the end-users to get customer feedback. Both of them provide rapid feedback to make your product better.

6)Smaller Backlog : Incorporating CI/CD into your organization's development process reduces the number of non-critical defects in your backlog . Developers focus more on big problems and on improving the system and testers focus more on finding bugs before being released.