

The logo consists of the letters 'CI' in a light blue color and 'CD' in a dark blue color, both in a bold, sans-serif font. The letters are positioned closely together, with the 'CI' slightly overlapping the 'CD'.

**CI CD**

**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 CI/CD

- 1) Deploy faster : enables you to ship code changes not just every week, but every day and even hourly
- 2) Avoid outages : helps the developers to easily identify the anomalies and fix them
- 3) Improve visibility across development : Developers can easily spot and isolate code issues
- 4) Reduce costs of delivery

# Benefits of CI/CD

5) Cut down on manual debugging :you can significantly cut down on manual testing and debugging,

6) Enhance code quality: improves code quality and helps deliver superior software.

7) Get feedback continuously

8) Simplify rollback: helping teams to fix the problem code at a faster pace