




CI/CD at UdaPeople



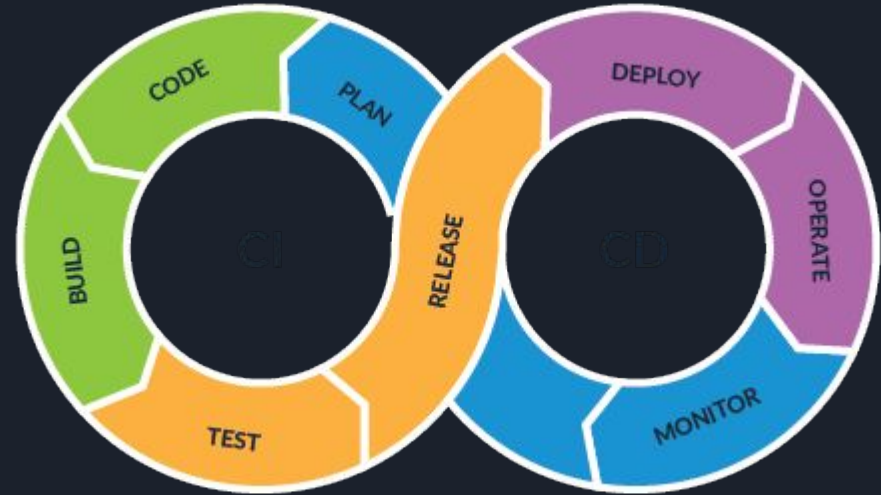
CI/CD is essential for developing high-quality software, thereby delivering value to our clients and our business

CI/CD stands for Continuous Integration and Continuous Deployment

CI/CD is a set of practices and tools that will allow us to get closer to true continuous delivery

Continuous delivery is an enabler for

- Repeatability
- Automation
- Robustness
- Speed
- Quality





CI/CD can help us increase and protect revenue

Increase customer satisfaction by developing and deploying new features faster and with higher quality

Less time spent on manual tasks or firefighting means the team can focus on features that truly generates value

Talent is attracted by best practices, and better talent will lead to a better product which will result in higher revenue

If something goes wrong we can roll-back quickly with no or minimal disruption to production systems, hence preventing customer/user dissatisfaction

Robust logging and monitoring systems can surface potential problems quickly, sometimes even before they happen



CI/CD can help us reduce and avoid costs

Time is money; less time/resources spent on manual tasks, firefighting and digging through logs

Higher developer satisfaction leads to less churn and hence less money lost due to brain-drain and recruiting efforts

Automatic creation/scaling/teardown of infrastructure ensures we only pay for what we actually use

Baking in security vulnerability testing within our CI/CD pipeline can save us from a lot of headache (publicity and legal)