BENEFITS OF CI/CD TO UDAPEOPLE
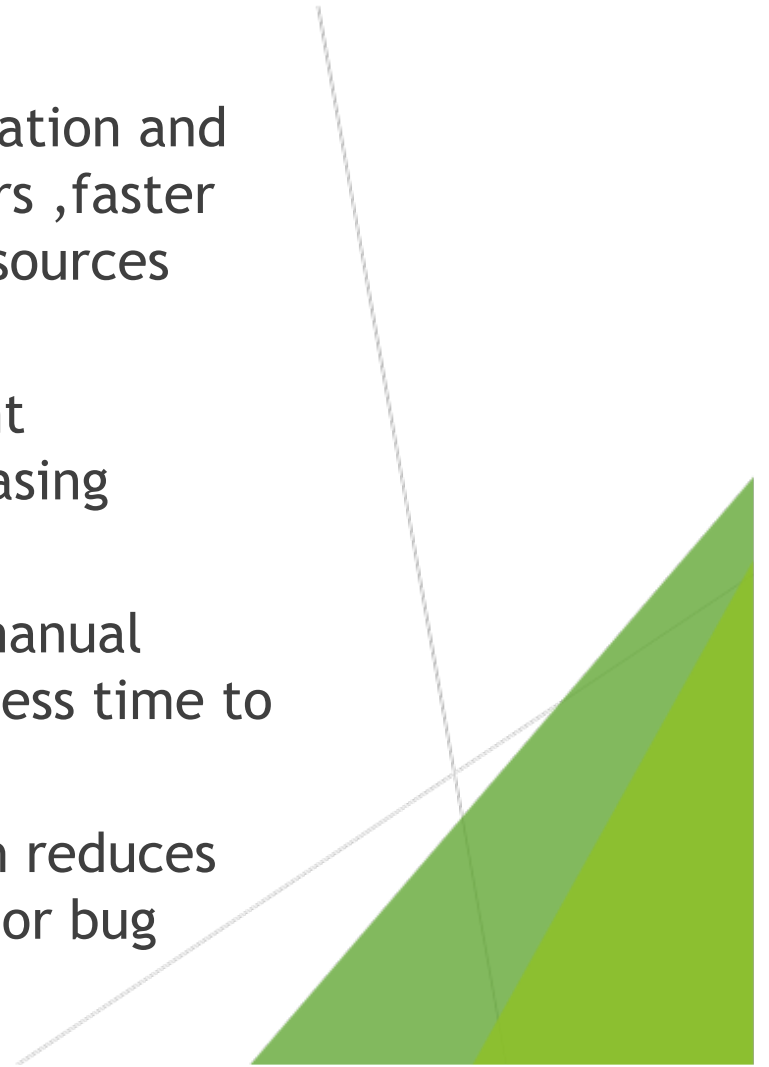
Dear sir,

Thank you for the opportunity you have given in allowing to bring our expertise onboard to udapeople, so that valued customers can have an improved experience. Some of the benefits of introducing and implementing CI/CD to achieve this improved experience are discussed below;

- CI/CD catches compile errors after merge which means less time is spent on issues from new developer codes thereby reducing cost.

- CI/CD catches unit test failure which means less

- CI/CD can automate infrastructure creation and clean up which means less human errors ,faster deployment and clean up of unused resources thereby avoiding cost.

- CI/CD creates faster and more frequent deployment productions thereby increasing revenue.

- CI/CD deploys to production without manual checks which means production takes less time to market thereby increasing revenue.

- CI/CD can automate smoke tests which reduces downtime from a deploy related crash or bug thereby protecting revenue.

- CI/CD can automate rollback triggered by job failure and can quickly undo to return production to working state thereby protecting revenue.

- CI/CD detects security vulnerabilities which means it can prevent embarrassing or costly security holes thereby avoiding cost.