BENEFITS OF CI/CD

KWADWO MANTE

INTRODUCTION

CI/CD

Continuous Integration (CI) and Continuous Delivery (CD) incorporates culture, principles and set of practices that application development teams use to deliver code changes more frequently.

BENEFITS

Superior Quality Code

CI/CD enables application development teams to create superior quality code.

For example: The process involved in CI/CD enables bugs to detected and fixed way before they ever get put into production. This in turn reflects in revenue as code that can potentially annoy a customer never gets to the customer. Good quality code increases customer satisfaction and customer retention.

Improved Mean Time to Resolution

CI/CD plays a key role in reducing the Mean Time to Resolution (MTTR), thus keeping failures at a minimal and recovering quickly from failures. This is a critical business risk assurance.

Business Agility

CI/CD is a business agility enabler as it allows for rapid changes that comes at a low cost.

For example: Features can be pushed out several times a day bringing more value to customers. If a bug is found in production, CI/CD enables for quick and easy rollbacks. All this is achieved at a low cost.