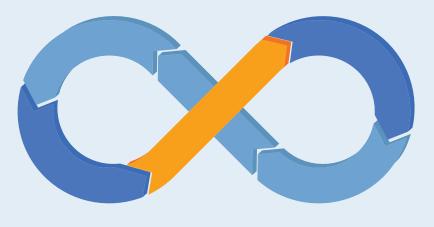# FUNDAMENTALS & BENEFITS OF IMPLEMENTING CI/CD TO OUR BUSINESS

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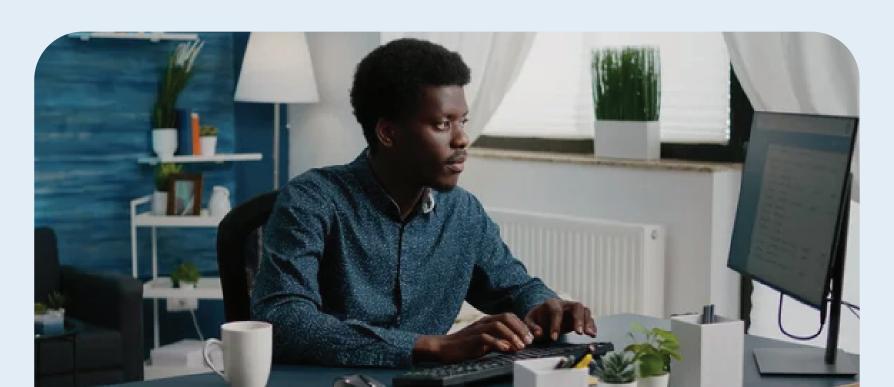
NYASHA

WHAT IS CI/CD?

Continuous Integration (CI)

It is a practice where developers regularly merge their code changes into a central repository, after which automated builds and tests are run.

Continuous Deployment (CD)

It is an approach in which the value is delivered frequently through automated deployments. That is all the deployments of production of every change in the code are automated and constant without the need of developers to intervene hence building confidence in the team.

WHY CI/CD?

WHAT IT MEANS FOR THE BUSINESS

By introducing CI/CD to our business, this means that;

Less time to market	Increases Revenue
Less human error Faster deployments	Avoid Costs
Reduced downtime from a deploy-related crash or major bug	Protects Revenue
Less infrastructure costs from unused resources	Costs Minimised
Less bugs in production and less time in testing	Avoid Costs

TO REDUCE COSTS

TO AVOID COSTS

TO INCREASE REVENUE

TO PROTECT REVENUE