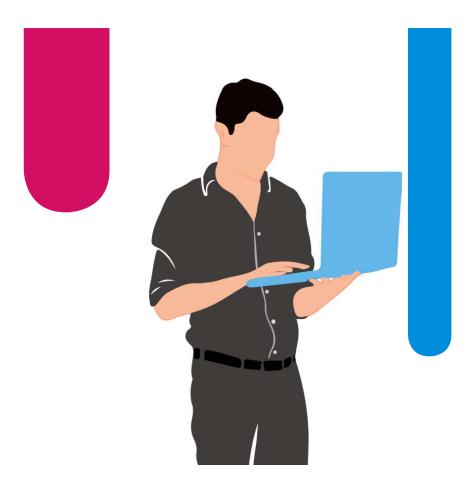
# CI/CD TECHNOLOGY

A tool to save costs and fortify revenue for UdaPeople

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### **OVERVIEW**

## CI = CONTINUOUS INTEGRATION CD = CONTINUOUS DEPLOYMENT

- CI is the practice of merging all developers' working copies to a shared mainline several times a day. It's the process of "Making".
- CD is a software engineering approach in which the value is delivered frequently through automated deployments.
   Everything related to deploying the artifact fits here. It's the process of "Moving" the artifact from the shelf to the spotlight.

#### **INCREASE REVENUE**

Value generating features released in record time



 Faster and more frequent deployments

RELEASE NEW FEATURES QUICKLY

### LESS TIME TO MARKET

 Deploy to production without manual Checks



#### **AVOID COSTS**

Less bugs in production that can incur unexpected losses



Detect Security Vulnerabilities

AVOID CYBER ATTACK COSTS

#### LESS HUMAN ERROR

 Automate Infrastructure Creation



#### **REDUCE COSTS**

Reduce costs from unused and unexpected resources



 Catch compile errors after merge

> REDUCED TECHNICAL DEBT

LESS INFRASTRUCTURE COSTS

 Automate Infrastructure cleanup



#### **PROTECT REVENUE**

Version Control protects from deploy-related crash or major bug



 Automated smoke tests

REDUCED DOWNTIME

REVERT TO STABLE VERSIONS

 Automated Rollback



# **THANK YOU!**

