

DEVELOPMENT OF UDAPEOPLE SOFTWARE PRODUCT

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OBJECTIVES

- Fundamentals and Benefits of CI/CD to Achieve,
- Build, and Deploy Automation for Cloud-Based Software Products

FUNDAMENTALS OF CI/CD

Continuous Integration(CI) is the practice of merging all developer's working copies to a shared mainline several times a day. CI handles evth that has to do with code.

Continuous Deployment (CD) A software engineering approach in which the value is delivered frequently through automated deployments. Everything related to deploying the artifact fits here.

BENEFITS OF CI/CD

For the development of our UdaPeople Product, we would need to adopt the CI/CD framework. This will not only provide a speedy delivery of the product to our clients, but the product will be free from a deploy-related crash or a major bug which could have led to dissatisfaction from our customers and clients.

We will be focusing on the following 4 benefits of CI/CD pipelining and explain the benefits we are sure to accomplish if CI/CD is approved;

- Increased Revenue
 - Protect Revenue
 - Reduce Cost
 - Avoid Cost
 - round the house!
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Some of the other benefits may include:

- New value-generating features released more quickly.
- Less developer time on issues from new developer codes.
- Less bugs in production and less time in testing
- Reduced downtime from a deploy related crash or major bug

Thank you...