Udapeople – CI/CD

Benefits from CI/CD employment in development process overweight the time and costs related to establishing the process. This investment is worth every effort to gain the business and technical advantages presented in this deck.

Concept in Human Resources to help small businesses care better for their most valuable resource: their people.

Udapeople – CI/CD

Reduce Cost

- **Catch compile errors after merge** - less developer time consumed on resolution of problems introduced by new code

- **Automated infrastructure cleanup** - minimize infrastructure costs by automated cleanup of resources that are no longer needed

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Avoid Cost

- **Catch unit tests failures** - automated test reduce risk of production bugs related costs and time necessary to test

- **Detect security vulnerabilities** - minimize implications of undetected security holes

- **Automated infrastructure creation** - fast and reliable code deployments with less exposure to human errors

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Increase Revenue

- **Frequent production deployments** - business value increments released quickly and frequently

- **Production deployment without manual checks** - time to market decreased significantly through elimination of human errors and manual work

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Protect Revenue

- **Automated smoke tests** - reduced downtime caused by major issue or deployment related error

- **Automated rollback on job failure** - fast recovery from failed release by quick release rollback

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