



Consulting Proposal

Adopting CI/CD for Udapeople





Overview

UdaPeople, a revolutionary concept in Human Resources which promises to help small businesses care better for their most valuable resource: their people. We will propose a better way of doing things that improves our process and practices in order to ensure that our product is reliable and available when needed, to avoid potential security risks and ensure that our product is updated and patched as quickly as possible by adopting CI/CD process.





Problems to solve

1

Improve quality, security and reliability of the product

3

Maximize profit by reducing production cost and increasing revenue

2

Improve the time to development and time to production

4

Improve productivity and efficiency of developers and operations team



What is CI/CD

Continuous integration and continuous delivery are two development methods that aim to improve software development processes. Continuous integration (CI) is a software development process that enables developers to check the quality of their code by integrating it into the main code base frequently. This allows for early detection of problems and allows for quick fixes. Continuous delivery (CD) is a software development process that enables developers to deploy new versions of the software frequently and ensure that it is always available to users. This avoids the delay between when a new version is developed and when it is available to users.

Solution	Value	Description
Catch compile errors and unit test fails	Reduce Cost and time	Less time in merging codes, in testing and less production bug.
Detect security vulnerabilities	Avoid Cost and Protect reputation	Avoid costly security holes and earn user trust.
Automate infrastructure management	Maximize budget efficiency and improve market to time.	By avoiding human errors and decreasing time to market, By managing and removing orphaned resources.
Automated rollbacks	Protect revenue and minimize cost	Quick redo in times of failure and contain failure.
Automated monitoring	Reduce risk and easier analysis	Get better visualization in resource management and resource efficiency.



Conclusion

By implementing CI/CD, Udapeople will be able to increase revenue, minimize cost, increase brand awareness, increase customer satisfaction and improve employee satisfaction and productivity.



Thank you.

